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Date document received_____

Signature____

SANITIZED VERSION OF CONTAMINATION LEVELS IN PLANT LOCATIONS (1953-1961)

(SANITIZED VERSION OF UNNUMBERED CRD DOCUMENT)

Compiled by
S. G. Thornton
Environmental Management Division
OAK RIDGE K-25 SITE
for the Health Studies Agreement

May 28, 1996

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7314
managed by
LOCKHEED MARTIN ENERGY SYSTEMS, INC.
for the U.S. DEPARTMENT OF ENERGY
under Contract DE-AC05-84OR21400

This document has been approved for release to the public by:

Technical Information Officer

Oak Ridge K-25 Site

CUNTABINATION LEVELS FOR PROTECTIVE CTOTHING ISSUES (QUARTERLY)

From Bot CA. A.

CONTAMINATION LEVELS IN PLANT LOCATIONS 1953-1961 (discontinued)

-2-

Contamination Levels in Glant Locations (1953-1961)

Derivative home W. Jelly Classifier home W. Jelly Date \$123/96 Title Class.

Union Carbide Nuclear Company, Oak Ridge Gaseous Diffusion Plant, Operating Contractor for the U.S. Atomic Energy Commission.



INTERNAL CORRESPONDENCE -

UNION CARBIDE NUCLEAR COMPANY

POST OFFICE BOX P. OAK RIDGE, TENNESSEE

To (Name)

Ar. A. P. Huber

Date

July 14, 1901

Company Location

K-1001 Building

Originating Dept.

Answering letter date

Copy to

Mr. K. W. Bahler

Subject

Contamination Levels in Plant Locations

Mr. W. L. Richardson

Health Physics Files RC V

The attachment lists those plant locations with contamination indices for a six months' period in the ranges of 10-100, 100-1000, and above 1000.

The listing does not include all conditions under which employees may encounter uranium contamination since work is also performed on contaminated equipment in certain shops, etc., where the over-all contamination level is frequently negligible.

A. F. Becher

parety and Health Physics Department

AFB:erc

Attachment

K-1131	Feed Preparation Area
*K-1410	Soak Tank Room
X-1420	Lmall Parts Dismantling

CONTAMINATION INDEX 100-1000

K-1131 K-1131 K-1410 K-1420 *K-1420	Feed Production Area Lunch Room Decontamination Building Large Equipment Decontamination Office and Facilities
K-1420 K-1420 K-1421 Væilt 1-X Væilt 15-A	Recovery Area Cmall Parts Decontamination Incinerator Building Drum Storage Drum Storage
*Vault 15-X Vault 16-A Vault 17-A K-306-7 *K-601	Drum Storage Drum Storage Drum Storage Weigh Room and Storage Horth Room and Office
K-601 K-1059 K-1131 K-1420 K-131	Sampling Room Storage Building Process Laboratory Laboratory Operations Maintenance Storage
*K-1401 K-1420 K-1004-A *K-1004-D	Axial Flow Compressor Shop Chemical Maintenance Shop Sampling Section Spectrographic Section

LOCATIONS REMOVED THIS PERIOD

K-1410 Vault 16-A K-312-3	Soak Tank Room (Contamination lavel increased) Office (Contamination level decreased) A. C. Pump Shop (Contamination level decreased) Building (Contamination level decreased)
K-1413	Building (Concentinacion bever accorded)

10 mm - 10 mm

*Locations added this period

JSR:erc 7-14-61

CONTAMINATION LIDEX 13-130

X-1420 Area V	Office and Facilities Offices and Facilities Lunch Area Line Recorder and Leal Akhaust Pumps Drum Ltorage
	Feed Unit (Stand-by) Product Withdrawal Station Cylinder Shop
%K-413 K-031	Cascade Operations Building Building Building Feed Storage Operations Maintenance Shop
K-413	A. C. Pump Shop Operations Maintenance Shop Maintenance Shop Valve Shop Electrical Shop
K-1004-B *K-1413 *K-1413	Building Laboratory

LOCATIONS REMOVED THIS PERIOD

K-312-3 K-601 K-1131 K-1401	Cold Trap Room (Contamination level decreased) North Room and Office (Contamination level increased) Instrument Shop (Contamination level decreased) Axial Flow Compressor Shop (Contamination level increased)
K-1004-D	spectrographic (Contamination level increased)

*Locations added this period

JSR:erc /-14-61

UNION CARBIDE NUCLEAR COMPANY

POST OFFICE BOX P. OAK RIDGE, TENNESSEE

To (Name)

Mr. A. P. Huber

Date

April 19, 1961

Company Location

Copy to

K-1001 Building

Originating Dept.

Answering letter date

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject

Contamination Levels

Health Physics Files RC

in Plant Locations

The attachment lists those plant locations with contamination indices for a six months' period in the ranges of 10-100, 100-1000, and above 1000.

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A. F. Becher Safety and Health Physics Department

AFBierc

Attachment

*K-1131 Feed Preparation Area K-1420 Small Parts Dismentling

LOCATION REMOVED THIS PERIOD

K-1410 Soak Tank Room (Contamination level decreased)

CONTAMINATION INDEX 100-1000

K-1131	Feed Production Area
K-1131	Lunch Room
K-1410	Decontamination Building
*K-1410	Sonk Tank Room
*K-1420	Large Equipment Decontamination
K-1420	Recovery Area
K-1420	Small Parts Decentemination
K-1421	Incinerator Building
Vault 1-X	Drum Storage
Vault 15-4	Drum Storage
Vanit 16-A	Drum Storage
Wault 16-A	Office
Veult 17-A	Drum Storage
K-306-7	Weigh Room and Storage
K-601	Sampling Room
K-1059	Storage Building
K-1131	Process Laboratory
K-1420	Laboratory
K-131	Operations Maintenance Storage
K-312-3	A. C. Pump Shop
K-1420	Chemical Maintenance Shop
K-1004-A	Sampling Section
%-1413	Building

*Locations added this period

JSR:erc 4-17-61

CONTAMINATION INDEX 10-100

K-1131 K-1410 K-1420 Area V Vault 8-A	Office and Facilities Offices and Facilities Lunch Area Line Recorder and Seal Exhaust Pumps Drum Storage
K+131	Feed Unit (Stand-by)
K-303-1	Cylinder Shop
K-306-4	Cascade Operations Building
K-312-3	Cold Trap Roca
K-601	North Room and Office
K-631	Building
K-1025	Feed Storage
*K-312-2	Operations Maintenance Shop
K-413	Operations Maintenance Shop
K-1131	Instrument Shop
K-1131	Maintenance Shop
K-1401	Axial Flow Compressor Shop
K-1401	Valve Shop
K-1420	Electrical Shop
K-1004-B	Uranium Analysis
K-1004-D	Spectrographic
K-1413	Laboratory

LOCATIONS REMOVED THIS PERIOD

K-1420	Targe Equipment Decontamination (Contamination Level
	increased)
K-631	Shipping Room (Contamination level decreased)
Vault 16-A	Office (Contemination level increased)
K-312-3	Lunch Room and Facilities (Contamination level de-
	creased)
K-1413	Engineering Development Building - Includes only
·- · •	operations (Contamination level increased)

The state of the s

*Location added this period

JSR:erc 4-17-61

. •

UNION CARBIDE NUCLEAR COMPANY

POST OFFICE BOX P, OAK RIDGE, TENNESSEE

To (Name)

Mr. A. P. Huber

Date

Jammy 12, 1961

Company Location

K-1001 Building

Originating Dept.

Safety, Fire, and Radiation

Control

Answering letter date

Copy to

Mr. K. W. Behler Mr. W. L. Richardson

Subject

Contamination Levels in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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H. F. Henry

Safety, Fire, and Radiation Control

JER: erc

Attachment

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COMPANIESTION INDEX ABOVE 1000

K-1410 doak Tank Room

K-1420 hall Parts Dismentling

LOCATION REMOVED THIS PERIOD

K-1421 Incinerator Building (Contemination level decreased)

CONTAMINATION INDEX 100-1000

K-1131 Feed Flant
K-1131 Lamch Room
K-1510 Decontamination Building

K-1/20 Recovery Area

K-1420 Small Parts Decontemination

*K-1421 Incinerator Building

Vault 1-X Brum Storage Vault 15-A Brum Storage Vault 15-A Brum Storage Vault 17-A Brum Storage

K-306-7 Weigh Room and Storage
K-601 Sampling Room

K-1059 Process Engineering Storage

K-1131 Process Informatory

K-1420 Inhoratory

E-131. Operations Maintenance Storage

44-312-3 A. C. Pure Stop

E-1420 Chemical Haintenance Shop

K-1004-A Sampling Section

LOCATIONS REMOVED THIS PERIOD

E-1010 Offices and Pacilities (Contamination level decreased)
E-1020 Large Equipment Decontomination (Contamination Level

decreased)

K-1920 Lunch Area (Contemination level decreased)

[&]quot;Locations added this period

CONTAMBIATION INDEX 10-100

	AND The ATALANA
K-1131	Office and Facilities
*K-1/10	Offices and Facilities
*K-1h20	Large Equipment Decontemination
4E-1/150	Tamch Area
Area V	Line Recorder and Seal Exhaust Pumps
K-131	Feed Unit (Stand-by)
K-312-3	Cold Trap Room
K-631	Beilding
4K-631	Shipping Roca
Wault 8-A	Drive Storage
Vault 15-A	Office
K-303-1	Cylinder Shop
*5-306-4	Cascade Operations Building
*K-312-3	Lunch Room and Pacilities
K-601	Horth Room and Office
K-1025	Feed Storage
-133	Operations Maintenance Shop
%-1131	Instrument Shop
%-1131	Mintenance Shop
K-1401	Axial Flow Compressor Shop
E-1/101	Valve Shop
*K-1420	Electrical Shop
E-1004-B	Uranium Analysis
K-1001-D	Spectrographic
E-1413	Engineering Development Building - Includes only operations
K-1413	Laboratory

LOCATIONS REMOVED THIS PURIOD

K-1231 K-1231	Limch Rock (Contamination level decreased) Office and Locker Rocks (Contamination level decreased)
K-413	Duilding (Contamination level decreased)
K-305-5	Valve Calibration Shop (Contamination level decreased)

*Locations edded this period



INTERNAL CORRESPONDENCE -

UNION CARBIDE NUCLEAR COMPANY . POST OFFICE BOX P. OAK RIDGE, TENNESSEE

To (Name)

Mr. A. P. Huber

Date

October 14, 1960

Сотрапу

Location K-1001 Building

Originating Dept.

Safety, Fire, and Radiation

Control

Answering letter date

Copy to

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject

Contamination Levelo in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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H. F. Benry

Safety, Fire, and Radistion Control

JERiere

Attachment

MORC

K-1410	Sock Tank Room
K-1420	Small Parts Dismantling
K-1421	Incinerator Building

CONTANTINATION INDEX 100-1000

m a mana - Tomatada - Arematiana and Maintanana
Feed Plant - Includes Operations and Maintenance
Lunch Roce
Decontamination Building
Offices and Facilities
Large Equipment Decontamination
Lunch Area
Becovery Area
Seell Parts Decontamination
Drum Storage
Drun Storage
Brum storage
Drum Storage
Weigh Room and Storage
Sampling Room
Process Engineering Storage
Process Laboratory
Laboratory
Operations Maintenance Storage
Chemical Maintenance Shop
Sempling Section

CONTANTIATION INDEX 10-100

K-1131	Office and Facilities
K-1231	Lunch Room
K-1231	Office and Locker Rooms
Aroa V	Mine Recorder and Jeal Exhaust Pumps
K-131	Feed Unit (Stand-by)
	Cold Trep Room
K-413	Building
K-631	Auilding
Vault 16-A	Office
X-303-1	Cylinder thep
K-601	North Room and Office
K-1025	Reed Storage
X-305-5	Valve Calibration thep
X-1401	Axial Flow Compressor Chop
K-1401	Valve Shop
K-1004-B	Uranium Analysis
K-1004-D	Spectrographic
E-1413	Engineering Development Building - Includes only operations
X-1413	Laboratory

LOCATIONS REACVED THIS PERIOD

K-131	Alactrical	Maintenance	وصفنا	(Contamination	Level
K-413	Decreased) Operations Decreased)	Maintenance	ടി മാ	(Contamination	lavel

ARBIDE: INTERNAL CORRESPONDENCE -

UNION CARBIDE NUCLEAR COMPANY . POST OFFICE BOX P. DAK RIDGE, TENNESSEE

To (Name)

Mr. A. P. Haber

July 18, 1960

Company Location

K-1001 Building

Originating Dept.

Safety, Fire, and Redistion

Control

Answering letter date

Copy to

Mr. K. W. Bahler Mr. W. L. Richardson Subject

Contemination Levels in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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Safety, Fire, and Radiation Control

JERIOTO

Attachment

MORE

K-1410	Josk Bank Ro	XXX
K-1420	mall Parts	Discentling
K-1421	Incinerator	Building

LOCATION REMOVED THIS PERIOD

CONTANTRATION INDEX 100-1000

K-1131 K-1131 K-1410 K-1410 K-1420	Food Plant - Includes Operations and Maintenance Lamen Room Decontamination Building Offices and Facilities Large Equipment Escontamination
	Lunch Area Recovery Area Small Parts Decontemination Drum Storage Drum Storage
	Drum Storage Drum Storage Weigh Room and Storage Sampling Process Engineering Storage
K-1131 K-1420 K-131 K-1420 K-1004-A	Process Laboratory Laboratory Chamical Maintenance Storage Chamical Maintenance Shop Sampling Section

LOCATIONS REMOVED THIS PERIOD

Yoult 15-A	Office (Contemination Level Decreased)
K-1004-3	Uranium Analysis (Contamination Level Decreased)
5-2413	Engineering Development Building - Includes only
•	operations (Contamination Level Decreased)

CONTAMINATION INDEX 10-100

K-1131 K-1231 K-1231 Area V K-131	Office and Facilities Lunch Room Office and Locker Rooms Line Recorder and Seal Exhaust Pumps Feed Unit (Stand-by)
K-312-3 K-413 K-631 *Venit 16-A K-303-1	Cold Trep Room Anilding Duilding Office Cylinder Shop
K-601 K-1025 K-131 K-305-5 K-413	North Room and Office Feed Storage Electrical Maintenance Shop Valve Calibration shop Chemical Maintenance Shop
K-1401 K-1401 MK-1004-B K-1004-D MK-1413	Axial Flow Compressor Shop Valve thop Uranium Analysis Spectrographic Engineering Development Building - Includes only operations
K-1413	Inhoratory

*Added this period

UNION CARBIDE NUCLEAR COMPANY . POST OFFICE BOX P DAK PIDGE. TENNESSEE

To (Name)

Mr. A. P. Hober

Date

April 13, 1960

Company cocation

K-1001 Building

Originating Dept.

Safety, Fire, and Radiation

Control

Answering letter date

Copy to

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject

Contamination Levels in

Plant Locations

The attachment lists these plant locations with six-month average contemination indices in the ranges of 10-100, 100-1000, and above 1000.

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Safety, Fire, and Radiation Control

AFRICATC

Attachment

Honc

K-1410 Soak Tank Room K-1420 Small Parts Dismantling K-1421 Incinerator Building

LOCATION REMOVED THIS PERIOD

E-1131 Feed Plant (Contamination Level Decreased)

CONTAMINATION INDEX 100-1000

*K-1131	Feed Plant - Includes Operations and Maintenance
K-1131	Inneh Roca
K-1410	Decontamination Building
K-1410	Offices and Facilities
K-1420	large Equipment Decontamination
K-1420	Lunch Area
K-1420	Recovery Area
K-1420	Small Parts Decontemination
Venit 1-X	Imm Storage
Venit 15-A	Drum Storage
Vault 16-A	Drum Stornge
Vault 16-A	Office
Vanit 17-A	Drum Storage
*K-306-7	Weigh Room and Storage
E-601	Sampling
K-1059	Process Engineering Storage
K-1131	Process Laboratory
K-1420	Laboratory
E-131	Chemical Maintenance Storage
4K-1420	Chemical Maintenance Shop
K-100h-A	Sampling Section
E-1004-B	Uranium Analysis
K-1413	Engineering Development Building - Includes only operations

LOCATIONS REMOVED THIS PERSON

K-1131	Office and Facilities (Contamination Level Decreased)
K-1231	Office and Locker Room (Contemination Level Decreased)

CONTAMINATION INDEX 10-100

*K-1131 K-1231 *K-1231 Area V K-131	Office and Facilities Lunch Room Office and Locker Rooms Line Recorder and Seal Exhaust Pumps Feed Unit (Stand-by)
K-312-3	Cold Trap Room
K-413	Building
*K-631	Building
K-303-1	Cylinder Shop
K-601	North Room and Office
K-1025	Peed Storage
K-131	Electrical Maintenance Shop
K-305-5	Valve Calibration Shop
K-413	Chemical Maintenance Shop
K-1401	Axial Flow Compressor Shop
K-1401	Valve Shop
K-1004-D	Spectrographic
K-1413	Laboratory

LOCATIONS REMOVED THIS PERIOD

K-306-7	Weigh Room and Storage (Contamination Level Increased)
K-1420	Chemical Maintenance Shop (Contamination Level In-
	creased)

*Added this period



INTERNAL CORRESPONDENCE -

UNION CARBIDE NUCLEAR COMPANY .

r. . F. Huber

POST OFFICE BOX P. OAK RIDGE, TENNESSEE

To (Name)

Company

Location 8-1001 Building

Date

January 7, 1950

Originating Dept.

afety and Health , hymic:

Answering letter date

Copy to

.r. K. ... Bahler .r. . L. Richardsen Subject

Contamination Level: in

Flant Location

The attachment lists there plant locations with ix-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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H. F. Honry

Kafety, Fire, and Radistion Control

K-1410 Some range
K-1420 Some range
K-1421 Incinerator Building

CONTANTIVATION INDEX 100-1000

K-1131	Inneh Room
*K-1131	Office and Facilities
K-1231	Office and Locker Rock
K-1410	Decontamination Building
K-2430	Offices and Pacilities
K-1420	Large Equipment Decontamination
*K-1420	Limen Area
K-2420	Recovery Area
K-1/20	Small Parts Decontemination
Vanit 1-X	Brun Storage
Wmit 15-A	Bruz Storage
Vanit 16-A	Drum Storage
Vault 16-A	Office
· Venit 17-A	
K-601.	Sampling
K-1059	Process Engineering Storage
K-1131	Process Laboratory
-K-2420	Laboratory
K-131	Chemical Haintenance Storage
K-1004-A	Sampling Section
*K-1004-B	Uranium Amalysis
46-1613	Engineering Development Building - Includes only operations

LOCATIONS RESOVED THIS PERIOD

K-312-2	Alumina Trap Area (Contemination Level Decreased)
X-305-5	Valve Calibration Shop (Contamination Level Decreased)

THE PROPERTY OF THE PROPERTY O

Added this period

CONTAMINATION LUDEX 10-100

K-1231	Lunch Room
Area V	Line Recorder and Beal Exhaust Pumps
K-131	Feed Unit (Stund-by)
K-303-1	Cylinder Shop
K-306-7	Weigh Room and Storage
K-312-3	Cold Trap Room
*K-413	Building
K-601	North Room and Office
K-1025	Feed Storage
K-131	Electrical Maintenance Shop
*K-305-5	Valve Calibration Shop
K-413	Chamical Maintenance Shop
K-1401	Axial Flow Compressor Shop
*K-1401	Valve Shop
K-1750	Chemical Maintenance Shop
K-1004-D	Spectrographic
K-1413	Laboratory

LOCATIONS REMOVED THIS PERIOD

K-1131	Office and Facilities (Contamination Level Encreased)
K-1420	Lunch Area (Contemination Level Increased)
K-312-1	Alimina Trap Area (Contemination Level Decreased)
K-312-1	Cold Trap Room (Contamination Level Decreased)
K-312-2	Basement (Contamination Level Decreased)
K-312-2	Cold Trap Room (Contemination Level Decreased)
K-312-2	Refrigeration Room (Contamination Level Decreased)
K-131	Electrical Maintenance Lunch Room (Contemination Level Decreased)
K-312-2	Process Maintenance Shop (Contamination Level De- crossed)
K-1004-B	Uranium Analysis (Contamination Level Increased)
K-1413	Engineering Development Building - Includes Only Operations (Contemination Level Increased)

*Added this period

UNION CARBIDE NUCLEAR COMPANY . POST OFFICE BOX P. OAK RIDGE, TENNESSEE

To (Name)

Mr. A. P. Huber

Date

Subject

October 13, 1959

Company Location

K-1001 Building

Originating Dept.

Safety and Health Physics

Answering letter date

Copy to

Mr. K. W. Bahler

Mr. W. L. Richardson

Contamination Levels in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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Safety, Fire, and Radiation Control

SAK:erc

Attachment

MoRC

*K-1131	Feed Plant - Includes Operations and Maintenance
K-1410	Soak Tank Room
K-1420	Small Parts Dismantling
K-1421	Incinerator Building

CONTAMINATION INDEX 100-1000

K-1131 *K-1231 K-1410 K-1410 K-1420	Lunch Room Office and Locker Room Decontamination Building Office and Facilities Large Equipment Decontamination
K-1420 K-1420 *K-312-2 Vault 1-X Vault 15-A	Recovery Area Small Parts Decontamination Alumina Trap Area Drum Storage Drum Storage
Vault 16-A Vault 16-A	Drum Storage Office Drum Storage Sampling Process Engineering Storage
K-1131 K-131 K-305-5 K-1004-A	Process Laboratory Chemical Maintenance Storage Valve Calibration Shop Sampling Section

LOCATIONS REMOVED THIS PERIOD

K-1131	Feed Plant - Includes Operations and Maintenance
	(Contamination Level Increased)
K-1025	Feed Storage (Contamination Level Decreased)

^{*}Added this period

CONTAMINATION INDEX 10-100

K-1131 K-1231 K-1420 Area V K-131	Office and Facilities Lunch Room Lunch Area Line Recorder and Seal Exhaust Pumps Feed Unit (Stand-by)
K-303-1 K-306-7 *K-312-1 *K-312-1 K-312-2	
*K-312-2 *K-312-3 K-601	Cold Trap Room Refrigeration Room Cold Trap Room North Room and Office Feed Storage
K-131 K-131 K-312-2 K-413 *K-1401	Electrical Maintenance Lunch Room Electrical Maintenance Shop Process Maintenance Shop Chemical Maintenance Shop Axial Flow Compressor Shop
K-1420 .K-1004-B K-1004-D K-1413	Chemical Maintenance Shop Uranium Analysis Spectrographic Engineering Development Building - Includes Only Operations Laboratory

LOCATIONS REMOVED THIS PERIOD

K-413	Building (Contamination Level Decreased)
K-312-3	Lunch Room and Facilities (Contamination Level
-	Decreased)

^{*}Added this period

INTER-COMPANY CORRESPONDENCE

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

Mr. A. P. Muber

K-1001 Building

Plant:

Oak Ridge Gaseous Diffusion

Date:

July 15, 1959

Copies To:

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject:

Contamination Levels in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

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Safety, Fire, and Radiation Control

/ SAK:erc

Attachment

NoRC

CONTAMINATION INDEX 100-1000

K-1131 K-1131 K-1410 K-1410 K-1420	Feed Plant - Includes Operations and Maintenance Lunch Room Decontamination Building Office and Facilities Large Equipment Decontamination
K-1420 K-1420 Vault 1-X Vault 15-A Vault 16-A	Recovery Area Small Parts Decontamination Drum Storage Drum Storage Drum Storage
*Vault 16-A Vault 17-A K-601 .K-1025 *K-1059	Office Drum Storage Sampling Feed Storage Process Engineering Storage
K-1131 K-131 K-305-5 K-1004-A	Process Laboratory Chemical Haintenance Storage Valve Calibration Shop Sampling Section

LOCATIONS REMOVED THIS PERIOD

*Added this period

CONTAMINATION INDEX 10-100

*K-1131 K-1231	Office and Facilities Lunch Room
. •	Lunch Area
	Line Recorder and Seal Exhaust Pumps
X-131	Feed Unit (stand-by)
K-413	Building
K-303-1	Cylinder thop
K-306-7	Weigh Room and Storage
J	Basement
*K-312-3	Lunch Room and Facilities
K-001	Horth Room and Office
%K-131	Electrical Maintenance Lunch Room
*K-131	Electrical Maintenance thop
"K-312-2	Process Maintenance Shop
*K-413	Chemical Maintenance Shop
K-1420	Chemical Maintenance Shop
K-1004-B	Uranium Analysis
K-1004-D	Spectrographic
*K-1413 .	Engineering Development Building - Includes Only Operations
K-1413	Laboratory

LOCATIONS REMOVED THIS PERIOD

Vault 8-A	Drum Storage (Contamination Level Decreased)
Vault 16-A	Office (Contamination Level Increased)
K-1059	Process Engineering Storage (Contamination Level Increased)

^{*}Added this period

INTER-COMPANY CORRESPONDENCE

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

Mr. A. P. Huber

K-1001 Building

Plant:

Oak Ridge Jaseous Diffusion

Date:

April 16, 1959

Copies To:

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject:

Contamination Levels in

Plant Locations

The attachment lists those plant locations with six-month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

H. F. Henry Safety, Fire, and Radiation Control

SAK:erc /

Attachment

NoRC

K-1410	Soak Tank Ro	oom
K-1420	Small Parts	
K-1421	Incinerator	Building

CONTAMINATION INDEX 100-1000

K-1131	Feed Plant - Includes Operations and 'aintenance
K-1131	Lunch Room
K-1131	Office and Facilities
K-1410	Decontamination Building
K-1410	Office and Facilities
K-11,20	Large Equipment Decontamination
K-11:20	Recovery Area
K-1420	Small Parts Decontamination
K=309=3	Test Loop
Vault 1-X	Drum Storage
Vault 15-A	Drum Storage
Vault 16-A	Drum Storage
Vault 17-A	Drum Storage
K=601.	Sampling
·K-1025	Feed Storage
K=1131	Process Laboratory
K-131	Chemical Maintenance Storage
*K-4:13	Chemical Maintenance Shop
K-305-5	Valve Calibration Shop
K-1004-A	Sampling Section
K-1413	Engineering Development Building - Includes Only Operations

LOCATIONS REMOVED THIS PERIOD

K-11:20	Lanch Area (Contamination Level Decreased)
Vault 16-A	Office (Contamination Level Decreased)
K-11:13	Laboratory (Contamination Level Decreased)

^{*}Added this period

CONTA INATION INDEX 10-100

K-1231 *K-1420 Area V K-131 *K-413	Lunch Room Innch Area Line Recorder and Seal Exhaust Pumps Feed Unit (Stand-by) Building
Vault 8-A	Drum Storage
*Vault 16-A	Office
K-303-1	Cylinder Shop
K-306-7	Weigh Room and Storage
*K-312-2	Basement
K-601	North Room and Office
K-1059	Process Engineering Storage
*K-312-2	Process Maintenance Shop
K-1420	Chemical Maintenance Shop
K-1004-B	Uranium Analysis
*K=1004=D	Spectrographic
*K-1413	Laboratory

LOCATIONS REMOVED THIS PERIOD

K-402-1	Basement Storage (Contamination Level Decreased)
K-101	a on Calculuming (Proportion ID SCODULIUSU)
K-11:13	Lunch Area and Office (Contamination Level Decreased)

*Added this period

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

Mr. A. P. Huber

Plant:

Oak Ridge Gaseous Diffusion

K-1001 Building

Date:

January 16, 1959

Copies To:

Mr. K. W. Bahler

Mr. W. L. Richardson

Subject:

Contamination Levels in

Plant Locations

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Safety, Fire, and Radiation Control

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Attachment

NoRC

CONTA MHATICM MIDEX BOVE 1000

3-1410	Soak Tank Room
K-1420 *K-1421	Small Parts Dismantling
"Y=TTIST	Incinerator Building

CONTAMINATION INDEX 100-1000

K-1131 K-1131 *K-1131 K-1410 K-1410	Feed Plant - Includes Operations and Maintenance Lunch Room Office and Facilities Decontamination Swilding Office and Facilities
K=1120 *K=1120 K=1120 K=1120 K=309=3	Large Equipment Decontamination Lunch Area Recovery Area Small Parts Decontamination Test Loop
Vault 1-X Vault 15-A Vault 16-A Vault 16-A Vault 17-A	Drum Storage Drum Storage Drum Storage Office Drum Storage
K-601 K-1025 *K-1131 K-131 K-350-5	Sampling Feed Storage Process Laboratory Chemical Maintenance Storage Valve Calibration Shop
K-1004-A K-1413 *K-1413	Sampling Section Engineering Development Building - Includes Only Operations Laboratory

	Basement Storage (Contamination Level Decreased)
K-1421	Incinerator Building (Contamination Level Increased)

^{*}Added this period

CONTA: THATION TIDEX 10-100

*K=402=1 *K=1231 *Area V K=101	Basement Storage Lunch Room Line Recorder and Seal Exhaust Pumps C-816 Stripping
K-131	Feed Unit (Stand-by)
Vault 8-A	Drum Storage
K-303-1	Cylinder Shop
K-306-7	Weigh Room and Storage
K-601	North Room and Office
*K-1059	Process Engineering Storage
K-1420	Chemical Maintenance Shop
*K-1004-3	Uranium Analysis
*K-1413	Lunch Area and Office

K-1131	Office and Facilities (Contamination Level Increased)
K-1420	Lunch Area (Contamination Level Increased)
K-27	Line Recorder and Seal Exhaust Pumps (Contamination
	Level Decreased)
K-1131	Process Laboratory (Contamination Level Increased)
K-1413	Laboratory (Contamination Level Increased)

^{*}Added this period

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

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Plant:

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Date:

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Copies To:

Subject:

Contamination Covels in

Plant Tocations

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S H.F. Henry

E. P. Genry

Cafety, Fire, and Radiation Control

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CONTACT TO THE TOTAL SEE 1000

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TENTA - TOO - 177 - TOO - 1700

(=1/2=1 %=1131 %=1110 %=1/10	Passment Storage Passment Storage Pass Stant - Includes Oberations and Tuntarance Lunch Soon Tecontamination milding Office and Sacilities
% -1 1420	large purpost scontamination Pecovery Small Parts scontamination Indicerntor fulling Test Loop
Vault 15-4 Vault 16-4 Vault 16-4	Drum Storage Drum Storage Office Drum Storage
K=601 K=1025 K=131 K=305=5 K=1001=A	Sampling Teed Storage Chemical mintenance Storage Salve Salibration Shop Sampling Section
5-11:13	ngineering Tevelopment Laboratory - Includes only Operations

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LOCATION PROPED THIS THIES

[&]quot;Added this pariod

TITTLE HOLD TO INTER 10-100

:-1131 :-1320 :-27 :-101 :-131	Trice and adilities Tunch rea Line promoter and eal angust aums J-Olf tripping Ted (mit : Dand-oy)
'ault 0-4 "-303-1 (-304-7 "(-401 -1131	rum Storage Sylinger sop Seigh som and torage Sorth Som and Sfice Process Saboratory
-1713 -1750	Tentoal vintenance hop

LOTATED TO TO

(-1131 Tanch 'bom ("ontamination Level Increased)

Added this period

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

Mr. A. P. Huber

K-1001 Building

Plant:

Oak Ridge Gaseous Diffusion

Date:

July 15, 1958

Copies To:

Fr. K. W. Bahler

.fr. W. L. Richardson

Subject:

Contamination Levels in

Plant Locations

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H. F. Henry

Safety, Fire, and Radiation Control

SAK:erc >

Attachment

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CONTAMINATION MIDEX ABOVE 1000

K-1410 K-1420	Soak Tank Room Small Parts Dismantling
	CONTAINMATION TYDEX 100-1000
X -1131	Feed Plant - Includes Operations and Paintenance
%-1410 K-1420 K-1420	Office and Facilities Large Equipment Decontamination Recovery
K-1420 K-1421 Vault 1-X Vault 15-4 Vault 16-A	Small Parts Decontamination Incinerator Building Drum Storage Drum Storage Drum Storage
Vault 16-A Vault 17-A K-601 K-309-3 K-402-1	
K=1025 *K=131 · K=305=5 K=1004=A K=1413	Feed Storage Chemical Maintenance Storage Valve Calibration Shop Sampling Section Engineering Development Laboratory - Includes only Operations

^{*}Added this period

CONTAINATION INDEX 10-100

K-1131	Lunch Room
K-1131	Office and Facilities
Vault 8-A	Drum Storage
K-303-1	Cylinder Shop
K-1131	Process Laboratory
K-27	Line Recorder and Seal Exhaust Pumps
%-101	C-816 Stripping
K-131	Feed Unit (Stand-by)
K=306=7	Weigh Room and Storage
K-1420	Chemical Maintenance Shop

%-303-6	Process Laboratory (Contamination Level Decreased)
K-306-7	Product Withdrawal, Cell Floor (Contamination Level
	Decreased)
K-402-1	Building (Contamination Level Decreased)
K-131	Chemical Maintenance Storage (Contamination Level
	Increased)
K-1401	Valve Shop (Contamination Level Decreased)

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

ir. A. P. Muber

Plant:

Oak Ridge Gaseous Diffusion

To:

%-1001 Building

Date:

April 16, 1958

Fr. K. M. Bahler Copies To:

ir. W. L. Richardson

Contamination Levels in

Subject: Plant Locations

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originally signed H.F. Henry Safety, Fire, and Radiation Control

SAK:erc

Attachment

NoRC

CONTA-MINATION INDEX ABOVE 1000

K-1410 Soak Tank Room

K-1420 Small Parts Dismantling

LOCATION REMOVED THIS PERTOD

CONTAMINATION LIDEX 100-1000

K-1131	Feed Plant - Includes Operations and Maintenance
K-1410 K-1420 *K-1420	Office and Facilities Large Equipment Decontamination Recovery
K-1420 K-1421 Vault 1-X Vault 15-A Vault 16-A	
Vault 16-A Vault 17-A K-601 K-309-3 K-402-1	Office Drum Storage Sampling Test Loop Basement Storage
K-1025 K-305-5 *K-1004-A K-1413	Feed Storage Valve Calibration Shop Sampling Section Engineering Development Laboratory - Includes only Operations

LOCATIONS REMOVED THIS PERIOD

K-306-7	Product Withdrawal, Cell Floor (Contamination Level
K-131	Decreased) Cascade Maintenance Storage (Contamination Level Decreased)

THE PROPERTY OF THE PROPERTY O

^{*}Added this period

CONTAGUNATION INDEX 10-100

K-1131 K-1131 Vault 8-A K-303-1 K-303-6	Lunch Room Office and Facilities Drum Storage Cylinder Shop Process Laboratory
K-1131 K-27 K-101 K-131 *K-306-7	Process Laboratory Line Recorder and Seal Exhaust Pumps C-816 Stripping Feed Unit (Stand-by) Product Withdrawal, Cell Floor
K-306-7 K-402-1 K-131 K-1401 K-1420	Weigh Room and Storage Building Chemical Maintenance Storage Valve Shop Chemical Maintenance Shop

100	Town Town Town Decreased)
K-11;20 K-601 K-1001;-A	Lunch Area (Contamination Level Decreased) Recovery (Contamination Level Increased) North Room and Office (Contamination Level Decreased) Sampling Section (Contamination Level Increased) Laboratory (Contamination Level Decreased)
K-11:13	Laboratory (Contamination

^{*}Added this period

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

To:

.fr. A. P. Muber

K-1001 Building

Plant:

Oak Ridge Gaseous Diffusion

Date:

January 16, 1958

Copies To:

Fr. K. W. Bahler

ir. W. L. Richardson

Subject:

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H. F. Henry

Safety, Fire, and Radiation Control

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Attachment

NoRC

CONTAL MATION INDEX ABOVE 1000

K-1410	Soak Tank Room
K-1420	Small Parts Dismantling

CONTAINIATION INDEX 100-1000

K-1131 K-1410 *K-1420 K-1420 K-1421	Feed Plant - Includes Operations and Maintenance Office and Facilities Large Equipment Decontamination Small Parts Decontamination Incinerator Building
Vault 1-X Vault 15-A	Drum Storage Drum Storage
	Drum Storage
Vault 16-A	
Vault 17-A	
K=601 *K=306=7 K=309=3 K=402=1 K=1025	Sampling Product Withdrawal, Cell Floor Test Loop Basement Storage Feed Storage
.K-131 *K-305-5 K-1413	Cascade Faintenance Storage Valve Calibration Shop (Not previously reported) Engineering Development Laboratory - Includes only Operations

^{*}Added This Period

CONTAMINATION INDEX 10-100

*K-1131 K-1131 K-1420 K-1420 Vault 8-A	Lunch Room Office and Facilities Lunch Area Recovery Drum Storage
K-303-1 K-303-6 *K-601 K-1131 K-27	Cylinder Shop Process Laboratory North Room and Office Process Laboratory Line Recorder and Seal Exhaust Pumps
K-101 K-131 K-306-7 K-402-1 K-131	C-816 Stripping Feed Unit (Stand-by) Weigh Room and Storage Building Chemical Maintenance Storage (formerly Chemical Maintenance Shop)
K-1401 K-1420 K-1004-A K-1413	Valve Shop Chemical Maintenance Shop Sampling Section Laboratory

K-1420	Large Equipment Decontamination (Contamination
	Level Increased)
K - 33	Alumina Trap Room (Contamination Level Decreased)
K-306-7	Product Withdrawal, Cell Floor (Contamination
	Level Increased)
K-413	Side Withdrawal Operation (Contamination Level
	Decreased)

^{*}Added This Period

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

ilr. A. P. Huber

Plant:

Oak Hidge Gaseous Diffusion

K-1001 hilding

Date:

October 10, 1957

Copies To:

.ir. K. W. Bahler

ir. .. L. Richardson

Subject:

Contamination Levels in

Plant Locations

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H. F. Henry Safety, Fire, and Radiation Control

SAK:erc

Attachment

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CONTALINATION DIDEX A DVE 1000

LOCATIONS ADDED THIS PERIOD

K-1410	Soak	Tank	ROOM	
**			7 00 0717	

K-1420 Small Parts Dismantling

CONTAMINATION INDEX 100-1000

K-1131 K-1410 K-1_20 K-1421 Vault 1-X	Feed Plant - Includes Operations and Laintenance Office and Facilities Small Parts Decontamination Incinerator Building Drum Storage
Vault 15-A Vault 16-A Vault 16-A Vault 17-A K-601	Drum Storage Drum Storage Office Drum Storage Sampling Room
K=309=3 K=1025	Test Loop Feed Storage

Engineering Development Laboratory - Includes only · ·K=11:13

Operations

LOCATIONS ADDED THIS PERIOD

K-402-1 Basement Storage

Cascade Maintenance Storage K-131

LOCATION REMOVED THIS PERIOD

K-1110 Decontamination

CONTARINATION THDEX 10-100

K-1131	Office and Facilities
K-1420	Large Equipment Decontamination
K-1420	Lunch Area
K-1420	Recovery
Vault 8-A	Drum Storage
	Cylinder Shop
K-1131	Process Laboratory
K -2 7	Line Recorder and Seal Exhaust Pumps
K -3 3	Alumina Trap Room
K-101	C-816 Stripping
K-131	Feed Unit (Stand-by)
к-306-7	Product Withdrawal, Cell Floor
K - 306 - 7	Weigh Room and Storage
K-402-1	Building
K-413	Side Withdrawal Operation
K-131	Chemical Maintenance Shop
K-1401	Valve Shop
K-1420	Chemical Maintenance Shop
K-1004-A	Sampling Section
к-1413	Laboratory

LOCATION ADDED THIS PERIOD

K-303-6 Process Laboratory

K-1131	Lunch Room
K-1420	Offices and Facilities
K-33	Feed Room
K-312-3	Basement
K-402-1	Basement Storage
K-631	Waste Disposal
K-1401	Spool Modification F-Bay
K-1004-J	Radiochemical Laboratory

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

Mr. A. P. Huber

Plant:

Dak _idge Caseous Diffusion

K-1001 Building

Date:

July 12, 1957

Copies To:

.r. X. V. Bahler Hr. H. L. Richardson

Subject: Contamination Levels in

Plant Locations

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Hugh 7. Henry
Safety, Tire, and Radiation Control

SAK:erc

Attachment

NoRC

GONTARINATION DIDEX NOOVE 1000

LOCATION ADDED THIS PERIOD

CONTACHEMATION INDEX 100-1000

Feed Plant - Includes Operations and laintenance
Decontamination
Small Parts Decontamination
Incinerator Building
Drum Storage
Drum Storage
Drum Storage
Drum Storage
Sampling
Test Loop
Feed Storage
Engineering Development Laboratory - Includes only Operations

LOCATIONS ADDED THIS PERIOD

K-1/10 Office, Lunch Room, and Change House Vault 16-A Office

CONTACTINATION INDEX 10-100

K-1131 K-1420 K-1420 Vault 8-A K-303-1	Office, Locker, and Lunch Facilities Large Equipment Decontamination Recovery Drum Storage Cylinder Shop
K-1131	Process Laboratory
K - 27	
	C-816 Stripping
K-131	Feed Unit (Stand-by)
K-306-7	Product Mithdrawal, Cell Floor
	Basement
K-402-1	Basement Storage
K-402-1	Building
X-413	Side Withdrawal Operation
X - 63 1	Waste Disposal
K-1401	Spool Modification F-Day
K-1401	Valve Shop
K-1420	Chemical Haintenance Shop
K-1004-A	Sampling Section
K-100H-1	Radiochemical Laboratory
K-11:13	Laboratory

LOCATIONS ADDED THIS PERIOD

K-1420	Offices and Facilities
K -3 3	Alumina Trap Room
K-33	Feed Room
K=306=7	Weigh Room and Storage
K-7.31	Chemical Maintenance Shop

K-1410 Vault 16-A	Office, Lunch Room, and Change House Office
K 3 03 - 6	Process Laboratory
K -33	Cold Trap Room
K-302-5	Cold Trap and Purge and Product Room (Stand-by)
K-1024	Acid Room and Valve Repair

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

Mr. A. P. Huber

Plant:

Tak Midge waseous Diffusion

K-1001 hilding

Date:

April 12, 1957

Copies To:

fr. A. W. Bahler

lir. W. L. Richardson

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Sarety, Fire, and Radiation Control

SAK:erc

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CONTACTINATION LIDEX A SOVE 1000

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LOCATION TELEVED THIS PERIOD

CONTA HEATTON FIDEX 100-1000

K-1131 K-1110 K-1120 K-1121 Vault 1-X	Feed Plant - Includes Operations and Maintenance Decontamination Small Parts Decontamination Incinerator Duilding Drum torage
Vault 15-A Vault 16-A Vault 17-A K-601 K-309-3	Orum Storage Drum Storage Orum Storage Sampling Room Test Loop
K-1025 K-1/113	Feed Storage Engineering Development Laboratory - Includes only Operations

LOCATION ADDID THE PARIOD

LOCATION RELOVED THIS PIRICE

K-113 Side Withdrawal Operation

CONTALICIATION THDEX 10-100

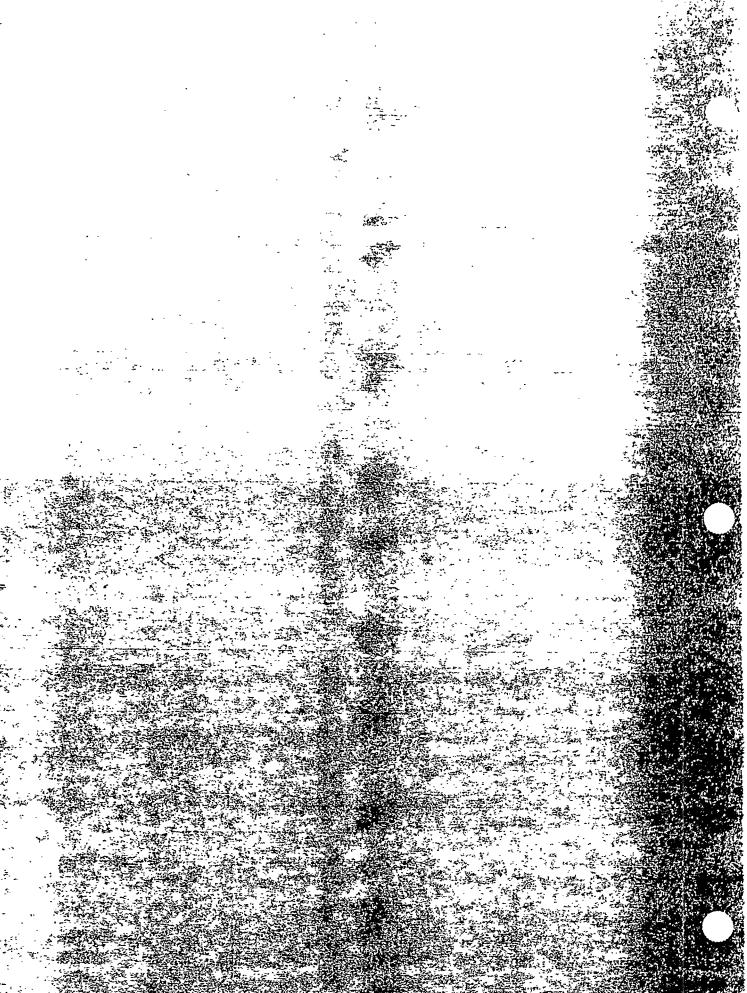
Office, Locker, and Lunch Facilities K-1131 Office, Lunch Room, and Change Louse **K-1410** Large Equipment Decontamination K-1420 Recovery K-1420 Drum Storage Vault 8-A Mfice Vault 16-A Cylinder Chop K-303-1 Process Laboratory **6**-303-6 Process Laboratory K-1131 Line Recorder and Seal Exhaust Pumps **K-27** C-816 Stripping X-101 Feed Unit (Stand-by) Cold Trap and Purge and Product Room (Stand-by) K-131 K-302-5 Product Athdrawal, Cell Ploor K-306-7 dasement **:-312-3** Basement Storage K-402-1 Building 1-202-1 Waste Disposal K-631 Acid Room and Valve Repair K-1024 Chemical Haintenance Shop K-1420 Sampling Section K-1004-A Radiochemical Laboratory X-1004-J

LOCATIONS ADDED THIS PERIOD

K-33 Cold Trap Room
K-413 Side Athdrawal Operation
K-1401 Spool Modification F-Bay
K-1401 Valve Shop
K-1413 Laboratory

LOCATIONS REMOVED THIS PERIOD

K-312 Section Alumina Traps
K-312-1 Basement
K-1031 Paint Spray Facility (Formerly Decontamination Storage)
K-1401 Vacuum Pump Shop
K-1001-J Plutonium Analysis Laboratory



UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

Mr. A. P. Muber

1-1001 Building

Plant:

Dak Hidge J.seous Diffusion

Date:

January 7, 1957

Copies To:

Tr. K. W. Bahler

Fr. G. J. Dykes

ir. J. L. Richardson

Subject: Contamination Levels in

Plant Locations

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Safety, Fire, and Radiation Control

SAK:erc

Attachment

No RC

THE TRANSPORTED TO SEE THE SECOND

CONTAMINATION INDEX ABOVE 1000

K-1231 Pulverizer Area

CONTAMINATION INDEX 100-1000

K-1131 K-11:10 K-11:20 K-11:21 Vault 1-X	Feed Plant - Includes Operations and Maintenance Decontamination Small Parts Decontamination Incinerator Duilding Drum Storage
Vault 15-A Vault 16-A Vault 17-A K-601 K-1025	Drum Storage Drum Storage Drum Storage Sampling Room Feed Storage
к-1/13	Engineering Development Laboratory - Includes only Operations

LOCATIONS ADDED THIS PERIOD

K-309-3

Test Loop Side Withdrawal Operation K-413

K-1031	Paint Spray Facility (Formerly Decontamination Storage)
K-101 K-302-5	C-816 Stripping Cold Trap and Purge and Product Rooms
バーンジェーン	come trap and the same transfer

CONTACINATION DIDEX 10-100

K=303-6 K=1131 K=1131 K=1110 K=11420	Process Laboratory Office, Locker, and Lunch Pacilities Process Laboratory Office, Lunch Room, and Change House Large Equipment Decontamination
K-1420 Vault 8-A K-27 K-131 K-303-1	Recovery Drum Storage Line Recorder and Real Exhaust Rumps Feed Unit (Stand-by) Cylinder Shop
K-312-3	P. W., Cell Floor Basement Basement Storage Building
K-631 K-312 K-1420 K-1004-A K-1004-J	Waste Disposal Section Alumina Traps Chemical Maintenance Shop Sampling Section Radiochemical Laboratory (Stand-by)
K-1004-J	Plutonium Analysis Laboratory

LOCATIONS ADDED THE PERIOD

K-101 K-302-5 Vault 15-A K-1004-G K-1024	C-816 Stripping Cold Trap and Purge and Product Rooms (Stand-by) Office Spectrometer Acid Room and Valve Repair
K-1031 K-1401	Paint Spray Facility (Formerly Decontamination Storage)

K-413	Side	Withdrawal	Operation
K=309=3	Test	Loop	

Union Carbide Nuclear Company

A Division of Union Carbide and Carbon Corporation

To:

F. . D. upor .- LUCK uilling

Plant:

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Date:

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Copies To:

Subject:

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COMMANDE LINE LINE LOVE 1000

CONT. WINLISH TIMEN 100-1000

K-1031 K-1131 K-1110 K-1120 K-1120	Decontamination Torage Feed Plant - Includes perations and Mintenance Decontamination Incinerator Duilling Fmall Parts Decontamination
Vault 1-X Vault 15-A Vault 16-A Vault 17-A K-101	Orum Storage Orum Storage Orum Storage Orum Storage C-616 Otripping
::-601 :1025 :1113	Campling Room Feed Storage Engineering Development Laboratory - Includes only Operations

LOCATION ADDED THE PERLOD

3-302-5 Cold Trap and Purge and Product Rooms

LOCATION HIDWED THES MERIOD

X=309=3 Test Loop

CONTACENTION SHOPE 10-100

X=303=6 X=1131 X=1131 X=1110 X=1120	Process Laboratory Office, Locker, and Lunch Cacilities Process Laboratory Office, Lunca Room, and Change Rouse Large Equipment Decontamination
K-1420 Værlt 3-A K-27 K-131 K-303-1	Recovery Drum Storage Line Recorder and eal Exhaust Pumps Feed Unit (Stand-by) Cylinder Chop
K=306=7 K=312=1 V=312=3 K=402=1 L=402=1	P. W., Call Moor Descript Desc
::-\1.3 ::-631 ::-11:20 ::-1001:-A ::-1001:-J	Side Lithdrawal peration Vasto Disposal Chemical Laintenance Shop Sampling Lection Radiochemical Laboratory

LOCATIONS ADDED THIS PERIOD

ンープログープ	Test Loop
X -312	Section Alumina Traps
<u>-1001-1</u>	Plutonium Analysis Laboratory

K-302-1	Test Loop
K-302-5	Cold Trap and Purge and Product Rooms
K-306-7	Weigh Room
K-102h	Acid Room and Valve Papair
K-1301	Ondde Conversion
% -1303 .: -1 401	Chemical Maintenance Shop Assembly and Metubing Area

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

lir. A. P. Huber

K-1001 Building

Plant:

Oak Ridge Laseous Diffusion

Date:

July 12, 1956

Copies To:

Tr. G. R. Dykes

Mr. W. L. Michardson

Subject:

Contamination Levels in

Plant Locations

The attachment lists those plant locations with 6 month average contamination indices in the ranges of 10-100, 100-1000, and above 1000.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

H. F. Henry Safety, Fire, and Radiation Control

SAK:erc.

Attachment

No RC

CONTACTIATION CIDEX ABOVE 1900

CONTA LEMIT MCITALLA ATMCC

Feed Plant - Includes Operations and Maintenance X**-1131**

Decontamination **(-1),10**

Decontamination Storage K-1031 Incinerator milding K-1420

Vault 1-X Drum Storage

Vault 15-A Drum Storage
Vault 16-A Drum Storage
Vault 17-A Drum Storage
K-101 C-816 Stripping X-1025 Feed Storage

Sampling Room 5-601

Test Loop K-309-3

Engineering Development Laboratory - Includes only K-11:13

Operations

LOCATIONS ADDED THIS PERIOD

Small Parts Decontamination 11:20

LOCATIONS REMOVED THIS PURIOD

Basement Storage Area K-402-1

Cold Trap and Purge and Product Rooms X-302-5

Sampling Section K-1004-A

CONTAMENATION INDEX 10-100

K-11:20 K-11:20	Large Equipment Decontamination			
K-11:20	Recovery			
	Chemical Haintenance Shop			
K-1410	Office, Lanch Room, and Change House			
K-1131	Office, Locker, and Lunch Facilities			
K-1131	Process Laboratory			
K=303=6	Process Laboratory			
K-1301	Oxide Conversion			
K-306-7	P. W. Cell Floor			
K-312-1	Basement			
K-312-3	Basement			
K-402-1	Building			
K-27	Line Recorder and Seal Exhaust Pumps			
K-413	Side Withdrawal Operation			
K-131	Feed Unit (Stand-by)			
K-302-1	Test Loop			
K-631	Waste Disposal			
K-306-7	Weigh Room			
K-303-1	•			
K-1024	Acid Room and Valve Repair			
K-1303	Chemical Maintenance Shop			
K=1001=1	Radiochemical Laboratory			

LOCATIONS ADDED THIS PERIOD

K-302-5	Cold Trap and Purge and Product Rooms		
K-402-1	Jasement Storage		
Vault 8-A	Drum Storage		
K-1401	Assembly and Retubing Area		
K-1004-A	Sampling Section		

K-11,20	Small Part	B Decontamination
K-1413	Utility Ma	intenance Shop

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

To:

fir. luber

K-1001 Building

Plant:

ak isre aseous liffusion

Date: pril 23, 1956

Copies To: r. G. H. Tykes

Ur. v. L. Richardson

Subject: Contomization Levels in : lant

Locations

The attachment lists those plant locations with 6 month average contamination indices in the ranges of 10-100, 100-1000 and above 1000.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently megligible.

H. T. Henry

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SAK: 1wh /

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CONTAMENATION INDEX ABOVE 1.00

CONTARTIATION INDEX 100-1000

K-113 K-141 K-141 K-143 K-143 K-143	Decontam Decontam Decontam Decontam Decontam	nt - Includes operation of ination of Storage of Suilding of Storage orea	ations and Pain	tenunce
/2, Vault Vault Vault Vault Vault K-10 K-60 K-14	t 16-A Drum Sto t 17-A Drum Sto t 1-X Drum Sto C-816 St 025 Feed Sto 01 Sampling 02-5 Cold Tra	orage corage corage corage corage corage corage corage corage corage cand Furge and Fring Development La	roduct hooms aboratory - Inc	ludes only /

LOCATIONS ADDED THIS PERIOD

,	750	K-1004-A	Sampling Section
٠.,	ه ه ه ا	%-309-3	Test Loop

LOCATIONS CEMOVED THIS TERIOD

K-1303	Decontamination and Recoverya
X -1131	Process Laboratory
% - 303 - 1	Cylinder Shop
K-1301	Oxide Conversion

a- Function moved to K-1420.

OUNTRACTION TO - 100

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Large Louisment Secontamination
... < 4-11,20
                   imail : irts . econtamination
    . X-1420
.....:-14:20
                   ecovery.
                   office, Lunch Moom, and Thance Mouse:
      K-1410
                   Office, Locker, and Lunch Pacilities
       K-1131
                   Process Laboratory
    · K-303-6
  : -- - ::-306-7
                   P.W. Cell Cloor
                    Basement .
    K-312-1
                    Basement
   - _ - 6 12-3
                    Building
      - K-L02-1
                    Line Recorder and Seal Exhaust Eumos
     . K-27
                    Side Withdrawal Coeration
       X-413
                    Reed Unit (Stand-by).
       ::-131
   X-302-1
                    Test Loop .
                    waste Disposal
     K-631
                   deich Room
      ·· :i-306-7
                    Utility Maintenance Mos
      ~ K-1413
   1,125 K-1004-J : adiochemical Laboratory .
         LUCATIONS ADDED THIS MERIUD
                     Process Laboratory .
     200 X-1131
                     Uxide Conversion .
    2 /10 K-1301
                     Cylinder Chop .
    .... K-303-1
                     Chanical Maintenance Chop
     ; e v K-1420
                     Acid oom and Valve Repair
    . . 25 K-1024
                     Chemical Maintenance Chop
    ± (--> · K-1303
         LOCATIONS EMOVED THE TEMOD
         Қ-402-2
                     Builling
                     Test Loop
         K-309-3
                     Booster Stations
          X-27
                     Feed Room
          K-33
                     brial flow Compressor and C.C. Pump Chop
          X-1401
                      Vacuum Pump Shop
          K-1401
                      Instrument Field Chop
          K-305-9
                      Sampling Section
          K-1004-4
```

UNION CARBIDE NUCLEAR COMPANY

A Divison of Union Carbide and Carbon Corporation

To:

Mr. A. P. Huber

K-1001 Building

Plant:

Oak Ridge Gaseous Diffusion

Date:

April 16, 1956

Copies To:

Mr. G. H. Dykes

Mr. W. L. Richardson

Subject: Proposal for Protective

Clothing Issue Based on Contamination Levels -

Third Quarter, FY-56

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole basis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

> H. F. Henry Safety, Fire, and Radiation Control

SAK:erc

Attachments

No RC

TABLE I
CONTAMINATION INDEX ABOVE 100

		LISTED IN	PROTECTIVE	CT OPUTNO
	LOCATION	ORIGINAL	COMPLETE	AS
	LOCATION	STIPULATION	CHANGE	NEEDED
	l .	SITEOTHITON	CHANGE :	MEDED
K-1131	Feed Plant - Includes Operations and Maintenance	x	X	
K-1410	Decontamination	X	X	
K-1031	Decontamination Storage		X	
K-1420	Incinerator Building		X	
K-402-1 Vault 15-A Vault 16-A Vault 17-A Vault 1-X	Basement Storage Area Drum Storage Drum Storage Drum Storage Drum Storage		X X X	x
K-101	C=816 Stripping		_	x
K-1025	Feed Storage		X	
K=601	Sampling Room		I	_
K=3 02 = 5	Cold Trap and Purge and Product Rooms			7
-1413	Engineering Development Laboratory - Includes only Operations		X	
LOCATIONS ADDED	THIS PERIOD			
K=1004-A K=309=3	Sampling Section Test Loop			ĭ
LOCATIONS REMOV	ED THIS PERIOD			
K-1303	Decontamination and Recoverya	X.	ĭ	
K-1131	Process Laboratory	I	ĭ	
K-303-1	Cylinder Shop		Ĩ	
K -1301	Oxide Conversion	X	X	

a- Function moved to K-1420.

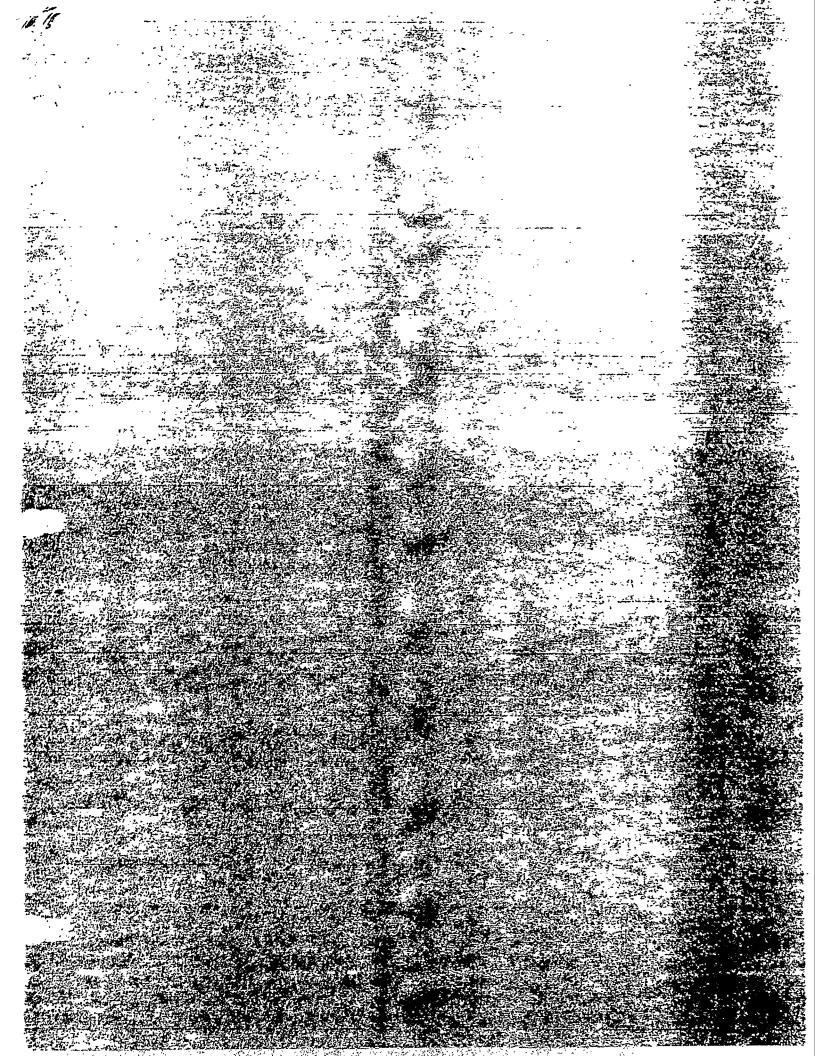
TABLE II

CONTAMINATION INDEX 10 - 100

			700000000000000000000000000000000000000	- CT - CM - T- T
	I ORI WYON	LISTED IN	PROTECTIVE	
	LOCATION	ORIGINAL	COMPLETE	AS
	······································	STIPULATION	CHANGE	NEEDED
K →1 420	Large Equipment Decontamination		X	
K-1420	Small Parts Decontamination		X	
K=1420			X	
	Recovery	4	Î	
K-1410	Office, Lunch Room, and Change House	X X	A	x
K=1131	Office, Locker, and Lunch Facilities	Δ.		•
K ∞ 303–6	Process Laboratory		X	
K-306-7	P. W. Cell Floor		X	
K-312-1	Basement		-	x
K=312=3	Basement			Ĩ
	- - · · ·			X
K-402-1	Building			A
K-27	Line Recorder and Seal Exhaust Pumps			X
K-413	Side Withdrawal Operation			Ī
K-131	Feed Unit (Stand-by)		I	-
K-302-1	Test Loop		•	I
v-631	Waste Disposal		X	~
	meg og proboggr		•	
£⇔306 ~ 7	Weigh Room		X	
K-1413	Utility Maintenance Shop		X	
K-1004-J	Radiochemical Laboratory			X
LOCATIONS ADD	ED THIS PERIOD			
K-1131	Process Laboratory	X	X	
K-1301	Oxide Conversion	X	X	
K-303-1	Cylinder Shop		X	
K÷1420	Chemical Maintenance Shop		X	
K-1024	Acid Room and Valve Repair			X
K-1303	Chemical Maintenance Shop			X
LOCATIONS REM	OVED THIS PERIOD			
K-402-2	Building			₩
				X X X
K-309-3	Test Loop			*
K-27	Booster Stations		x	•
K=33	Feed Room		A	~
K-1401	Axial Flow Compressor and A.C. Pump Shop			X
K-1401	Vacuum Pump Shop			I
K+305-9	Instrument Field Shop			X
K-1004-A	Sampling Section			X
2004				

H. This letter was not sent out. As per H. H. H. it was changed to include only c listing of locations in ranges of c 1 = 10-100, 100-1000, + > 1000.

18



UNION CARBIDE NUCLEAR COMPANY

A Divison of Union Carbide and Carbon Corporation

To:

Mr. A. P. Huber

á-1001 Building

Plant: X-25

Date:

January 17, 1956

Copies To: : : G. H. Dykes

ir. W. L. Richardson

Subject:

Proposal for Protective Clothing Issue _ased on

Contamination Levels -Second quarter, FY-56

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole basis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

Safety, Fire, and Radiation Control

SAK:erc .

Attachments

Mo K-25 RC

TABLE I
CONTACHNATION INDEX ABOVE 100

	LOCATION	LISTED IN ORIGINAL STIPULATION	PROTECTIVE COMPLETE CHANGE	CLOTHING AS NEEDED
K-1303 K-1131	Decontamination and Recovery Feed Plant - Includes Operations and Maintenance	X	X X	
K-1410 K-1031	Decontamination Storage	X	X	
K=402-1 K-1420 Vault 16-A K=303-1 K=101	Basement Storage Area Incinerator Building Brum Storage Cylinder Shop C-816 Stripping		X X X	x
	Feed Storage Drum Storage Drum Storage Drum Storage Engineering Davelopment Laboratory - Includes only Operations		X X X X	
LUCATIONS ADDED	THIS PERIOD			
K=1301 K=601 K=302=5	Oxide Conversion Sampling Room Cold Trap and Purge and Product Rooms	x	X X	x

LOCATIONS REMOVED THIS PERIOD

None:

TABLE II
CONTAMINATION INDEX 10-100

		LISTED IN	PROTECTIVE	CLOThing
	1.00 cm 1.00	ORIGINAL	COMPLETE	AS
	LOCATION	MCITALUGITS	CHANGE	HEEDED
		01210211201		
K=306=7	P. h. Cell Floor		Х	
K=312-1	besement			X
- K-312-3	kasement			X
-	building			X
K-402-1	Building			X
K-1105-5	Barrarug			-
K=27	Line Recorder and Seal Exhaust Pumps			X
K-413	Side Withdrawal Operation			X
	Feed Unit		X	
K-131				X
K-302-1	Test Loop			X
к - 309 - 3	Test Loop			-
K -2 7	Booster Stations			X
K=631	waste Disposal		Х	
_	Feed Room		X	
K=33			X	
K=306=7	weigh Room		X	
K=1420	Recovery		44	
K-1401	Axial Flow Compressor and A.C. Pump Shop			X
K-1413	Utility Haintenance Shop		X	
K-1401	Vacuum Pump Shop			
· ·	Instrument Field Shop			
K=305=9	· · · · · · · · · · · · · · · · · · ·			X
K-1004-A	Sampling Section			
K=1004-J	. Radiochemical Laboratory			X
к-303-6	Process Laboratory		X	
K-1131	Office, Locker, and Lunch Facilities	Х		λ
	,			
LOCATIONS ADI	ED THIS PERIOD			
K -1 1₁20	Large Equipment Decontamination		X	
K-1420	Small Parts Decontamination		X	
K −141 0	Office, Lunch Room, and Change House	X	X	
Vatrito	OTTEOD & Matton thomas and Whates house	^	•	
LOCATIONS REA	OVED THIS PURIOD			
ñ≈302 = 5	Cold Trap and Purge and Product Rooms			;
K-312-2	Basement			<u>.</u> .
Area II	Line Pecorder and Seal Exnaust Pumps			
K-1401	Machine Shop			X
V-THOT	:			X X X
K -601	Sampling Room		X	,
V ~ ⊃∩∓	amiliante moin			

(INSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION Post Office Box POAK RIDGE, TENN.

TO

Mr. A. P. Huber

DATE

October 14, 1955

LOCATION

K-1001 Building

ANSWERING LETTER DATE

COPY TO

ATTENTION Ar. G. H. Dykes

ir. W. L. Richardson

File

Proposal for Protective SUBJECT Clothing Issue Based on Contamination Levels -

First Juarter, FY-56

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole basis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

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Safety, Fire, and Radiation Control

SAK:erc

Attachments

No K-25 RC

TABLE I ' CONTACHNATION INDEX ABOVE 100

		LISTED IN	PROTECTIVE	CLOTHING
	LOCATION	ORIGINAL OTIPULATION	COMPLETE CHANGE	AS NEEDED
K-1303	Decontamination and Recovery	Ä	X	
K-1131	Feed Plant - Includes Sparations and Maintenance	Ä	Ĭ.	
K=1410	Decontamination	Ä	Å	
K-1031	Decontamination Storage	•	Å	
K=402-1	Basement Storage Area		X	
K=1420	Incinerator Building		X	
Vault 16-A	Orum Storage		X	
K-303-1	Cylinder Shop		X	_
≤-101	C=816 Stripping			X
K=1025	Feed Storage		7.	
Vault 1-X	Drum Storage		X	
Vault 15-A	Drum Storage		X	
Vault 17-A	Drum Storage		X	
K-1413	Engineering Development Laboratory - includes only Operations		X	
LOCATIONS ADDED	THIS PERIOD			
None	· •			
LOCATIONS REMO	VED THIS PERIOD			
K-1401	Compressor Decontaminationa		X	
X-1301	Oxide Conversiona	X	X	
K-131	Solutions Recoverya	ž	X	
K=132	Solutions Recovery®	X	Ā	
x - 601	Sampling Room		X	
K=306-7	Weigh Room		x	

a Function moved to K-1120

TABLE II
CONTAMINATION INDEX 10-100

LOCATION LISTED IN PROTECTIVE CLTHING CAPICINAL COMPLETE AS CAPICINAL CAPICINAL CAPICINAL CAPICINAL CAPICITE AS CAPICINAL			LISTED IN	PROPERTUR	CT. TERTNO
R=302-5 Cold Trap and Purge and Product Rooms X R=306-7 P. W. Cell Floor X R=312-1 Basement X X X=312-1 Basement X X X=312-2 Basement X X X=312-3 Basement X X=313 Side Withdrawal Operation X X=313 Feed Unit (Stand-by) X X=313 Feed Unit (Stand-by) X X=313 Feed Unit (Stand-by) X X=309-3 Test Loop X X=313 Feed Room X X=313 F		T CHAMTON	1		
K-302-5 Cold Trap and Purge and Product Rooms X K-306-7 P. W. Cell Floor I X-312-1 Basement I X-312-2 Basement I X-312-2 Basement I X-312-2 Basement I X-312-3 Building I X-312-3 X-313 Side Withdrawal Operation X-313 X-313 Side Withdrawal Operation X-313 X-313 Feed Unit (Stand-by) X X-313 Feed Unit (Stand-by) X X-302-1 Test Loop X-312-3 X-313		LOCALLON		1	!
K-316-7 P. W. Cell Floor K-312-1 Basement K-312-2 Basement K-312-3 Basement K-312-3 Basement K-402-1 Building K-402-2 Building K-402-2 Building K-402-1 Side Withdrawal Operation K-313 Feed Unit (Stand-by) Area II Line Secorder and Seal Exhaust Pumps K-302-1 Test Loop K-302-1 Test Loop K-303-3 Test Loop K-631 Wante Disposal K-631 Wante Disposal K-101 Arial Flow Compressor and A.C. Pump Shop K-1101 Arial Flow Compressor and A.C. Pump Shop K-1101 Arial Flow Compressor and A.C. Pump Shop K-1101 Machine Shop I K-1101 Machine Shop K-1100-A Sampling Section K-1001-A Sampling Section K-1001-A Sampling Section K-1001-B Radichemical Laboratory K-303-6 Process Laboratory K-303-6 Process Laboratory I COATIONS ADDED THIS PERIOD K-306-7 Weigh Room K-102 According Room K-112 Basement I K-303-1 Seal Shop K-304-1 Instrument Field Shop K-305-1 Seal Shop K-306-1 Instrument Field Shop K-306-1 This Period			DITIONALION	CHARGE	REGUSO
K-316-7 P. W. Cell Floor K-312-1 Basement K-312-2 Basement K-312-3 Basement K-312-3 Basement K-402-1 Building K-402-2 Building K-402-2 Building K-402-1 Side Withdrawal Operation K-313 Feed Unit (Stand-by) Area II Line Secorder and Seal Exhaust Pumps K-302-1 Test Loop K-302-1 Test Loop K-303-3 Test Loop K-631 Wante Disposal K-631 Wante Disposal K-101 Arial Flow Compressor and A.C. Pump Shop K-1101 Arial Flow Compressor and A.C. Pump Shop K-1101 Arial Flow Compressor and A.C. Pump Shop K-1101 Machine Shop I K-1101 Machine Shop K-1100-A Sampling Section K-1001-A Sampling Section K-1001-A Sampling Section K-1001-B Radichemical Laboratory K-303-6 Process Laboratory K-303-6 Process Laboratory I COATIONS ADDED THIS PERIOD K-306-7 Weigh Room K-102 According Room K-112 Basement I K-303-1 Seal Shop K-304-1 Instrument Field Shop K-305-1 Seal Shop K-306-1 Instrument Field Shop K-306-1 This Period	لا £ 202 − لا	Cold Twon and Direct and Product Rooms			v
K-312-1 Basement				₩	A
K-312-2 Basement K-402-1 Building K-402-2 Building K-402-2 Building K-402-2 Building K-4013 Side Withdrawal Operation K-411 Feed Unit (Stand-by) Area II Line Recorder and Seal Exhaust Pumps K-301-1 Test Loop X-302-1 Test Loop X-4030-3 Test Loop X-4031 Waste Disposal X K-27 Booster Stations X-4031 Waste Disposal X K-310 Axial Flow Compressor and A.C. Pump Shop X-1113 Utility Maintenance Shop X-1113 Utility Maintenance Shop X-1101 Wascum Pump Shop X-1101				*	₩
K=312-3 Basement					
K=\02-1 Building	-				
K-102-2 Building	K=312=3	Basement			X.
K=131	K=402-1	Building			I
K=131	K-402-2	Building			X
K=131		——————————————————————————————————————			x
R=131 Feed Unit (Standeby) I	- · · · · · ·				X
Area II				¥	-
K=302-1 Test Loop K=309-3 Test Loop K=27 Booster Stations K-631 Waste Disposal K=33 Feed Room K=1h01 Axial Flow Compressor and A.C. Pump Shop K=1l13 Utility Maintenance Shop X K=1h13 Utility Maintenance Shop X K=1h01 Machine Shop X K=1h01 Machine Shop X K=1h01 Machine Shop X K=100h=A Sampling Section X K=100h=A Sampling Section X K=100h=A Radiochemical Laboratory X K=303-6 Process Laboratory X X LOCATIONS ADDED THIS PERIOD X=306-7 Weigh Room X K=1h20 Recovery X X LOCATIONS REMOVED THIS PERIOD X=301-4 Instrument Field Shop X X LOCATIONS REMOVED THIS PERIOD X=301-4 Instrument Field Shop X X K=303-1 Seal Shop X X X X X X LOCATIONS REMOVED THIS PERIOD	u-232	1001 01110 (20011101)		••	
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K=27 Booster Stations K-631 Waste Disposal K-631 Waste Disposal K-33 Feed Room K-1h01 Arial Flow Compressor and A.C. Pump Shop K-1h13 Utility Maintenance Shop X K-1h01 Vacuum Pump Shop X-1h01 Machine Shop X-1 X-1h01 Machine Shop X-1 X-1001-A Sampling Section X-1001-A Sampling Section X-1001-A Radiochemical Laboratory X-1 X-1001-A Radiochemical Laboratory X-1 X-1131 Office, Locker, and Lunch Facilities X X LOCATIONS ADDED THIS PERIOD X-306-7 Weigh Room X-4-01 Sampling Room X-1 X-1120 Recovery X LOCATIONS REMOVED THIS PERIOD X-301-4 Instrument Field Shop X-303-1 Seal Shop X-113 Electrical Shop, and Change House ^a X X	K-302-1				
K=27 K=631 Waste Disposal K=33 Feed Room K=1hOl Arial Flow Compressor and A.C. Pump Shop K=1h13 Utility Maintenance Shop X K=1h01 Vacuum Pump Shop X=1h01 Machine Shop X K=1h01 Machine Shop X K=305=9 Instrument Field Shop X=1001=A Sampling Section X=1001=A Sampling Section X=1001=A Fadiochemical Laboratory X=303=6 Process Laboratory X X=1131 Office, Locker, and Lunch Facilities X X LOCATIONS ADDED THIS PERIOD K=306=7 Weigh Room X=601 Sampling Room X=1h20 Recovery X LOCATIONS REMOVED THIS PERIOD K=301=1 Instrument Field Shop X=301=1 Instrument Field Shop X=303=1 Seal Shop X=113 Electrical Shop X=114 Instrument Room, and Change House X=115 X X=116 Office, Lunch Room, and Change House X=117 X X=118 X X	K=309=3	Test Loop			X
K=33 Feed Room X K=1401 Axial Flow Compressor and A.C. Pump Shop X K=1401 Utility Maintenance Shop X K=1401 Vacuum Pump Shop X K=1401 Machine Shop X K=1401 Machine Shop X K=305=9 Instrument Field Shop X K=1004=A Sampling Section X K=1004=A Sampling Section X K=1004=J Radiochemical Laboratory X K=303=6 Process Laboratory X X LOCATIONS ADDED THIS PERIOD K=306=7 Weigh Room X K=601 Sampling Room X K=601 Sampling Room X K=1420 Recovery X LOCATIONS REMOVED THIS PERIOD K=301=4 Instrument Field Shop X K=303=1 Seal Shop X K=1131 Electrical Snop	K=27			•	x
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K=1h13 Utility Maintenance Shop K=1h01 Vacuum Pump Shop K=1h01 Machine Shop X K=305=9 Instrument Field Shop X K=100h=A Sampling Section X K=100h=J Radiochemical Laboratory X K=303=6 Process Laboratory X X LOCATIONS ADDED THIS PERIOD X=306=7 Weigh Room X=601 Sampling Room X=601 Sampling Room X=1h20 Recovery X LOCATIONS REMOVED THIS PERIOD X=301=h Instrument Field Shop X=303=1 Seal Shop X=413 Electrical Shop X X X		# - • · · · · · · · · · · · · · · · · · ·			
K=1401 Vacuum Pump Shop K=1401 Machine Shop X K=305=9 Instrument Field Shop X K=1004=A Sampling Section X=K=1004=J Radiochemical Laboratory X=X=303=6 Process Laboratory X X LOCATIONS ADDED THIS PERIOD X=306=7 Weigh Room X=401 Sampling Room X=1420 Facovery X LOCATIONS REMOVED THIS PERIOD X=301=4 Instrument Field Shop X=303=1 Seal Shop X=4413 Electrical Shop X=441	K-1401	Axial Flow Compressor and A.C. Pump Shop			X
K=1001 Machine Shop K=305=9 Instrument Field Shop K=1001=A Sampling Section K=1001=J Radiochemical Laboratory K=303=6 Process Laboratory X K=3131 Office, Locker, and Lunch Facilities X LOCATIONS ADDED THIS PERIOD K=306=7 Weigh Room K=601 Sampling Room X K=1120 Facovery LOCATIONS REMOVED THIS PERIOD K=301=1 Instrument Field Shop K=303=1 Seal Shop X K=113 Flectrical Shop X K=113 Flectrical Shop X K=1141 Office, Lunch Room, and Change House ^a X	K-1413	Utility Maintenance Shop		X	
K=305=9 Instrument Field Shop K=100h=A Sampling Section K=100h=J Radiochemical Laboratory K=303=6 Process Laboratory X K=1131 Office, Locker, and Lunch Facilities X X LOCATIONS ADDED THIS PERIOD K=306=7 Weigh Room K=306=7 Weigh Room X X K=01120 Facovery X LOCATIONS REMOVED THIS PERIOD K=301=h Instrument Field Shop X X K=301=h Instrument Field Shop X X K=1030=1 Seal Shop X X K=1010 Office, Lunch Room, and Change House ^a X	K-1401	Vacuum Pump Shop			X
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LOCATIONS ADDED THIS PERIOD K=306=7 Weigh Room X K=601 Sampling Room X K=1420 Recovery X LOCATIONS REMOVED THIS PERIOD K=301=4 Instrument Field Shop X K=303=1 Seal Shop X K=413 Electrical Shop X K=1410 Office, Lunch Room, and Change House X	K=303=6	Process Laboratory		¥.	
K=306=7 Weigh Room K=601 Sampling Room K=1420 Recovery LOCATIONS REMOVED THIS PERIOD K=301=4 Instrument Field Shop K=303=1 Seal Shop X K=413 Electrical Shop X K=1410 Office, Lunch Room, and Change House ² X	K -1131	Office, Locker, and Lunch Facilities	X		X
K=306=7 Weigh Room K=601 Sampling Room K=1420 Recovery LOCATIONS REMOVED THIS PERIOD K=301=4 Instrument Field Shop K=303=1 Seal Shop X K=413 Electrical Shop X K=1410 Office, Lunch Room, and Change House ² X	togratore top	בה שודכ במודסה			
K=601 Sampling Room K=1420 Recovery LOCATIONS REMOVED THIS PERIOD K=301-4 Instrument Field Shop K=303-1 Seal Shop K=413 Electrical Shop K=1410 Office, Lunch Room, and Change House ^a X	DUCKTIONS ADD	an into faction			
K=601 Sampling Room K=1420 Recovery LOCATIONS REMOVED THIS PERIOD K=301-4 Instrument Field Shop K=303-1 Seal Shop K=413 Electrical Shop K=1410 Office, Lunch Room, and Change House ^a X	K=306=7	weigh Room		X	
K=1420 Recovery X LOCATIONS REMOVED THIS PERIOD K=301=4 Instrument Field Shop X K=303=1 Seal Shop X K=413 Electrical Shop X K=1410 Office, Lunch Room, and Change House X X				X	
K-301-4 Instrument Field Shop K-303-1 Seal Shop K-413 Electrical Shop X K-1410 Office, Lunch Room, and Change House ^a X	K -1 1;20			X	
K-303-1 Seal Shop X K-413 Electrical Shop X K-1410 Office, Lunch Room, and Change House X X	LOCATIONS REM	OVED THIS PERIOD			
K-303-1 Seal Shop X K-413 Electrical Shop X K-1410 Office, Lunch Room, and Change House X X	K-301-4	Instrument Field Shop			X
K-413 Electrical Shop X K-1410 Office, Lunch Room, and Change House ^a X X					X
K-1410 Office, Lunch Room, and Change House X X				X	•
· · · · · · · · · · · · · · · · · · ·	· -		X		
, to map a second of the secon					
	, 1 <u></u>			••	

a Function moved to K-1420

b Includes functions previously performed in the K-1301 Oxide Conversion and the k-131 and K-132 Solutions Recovery areas which were listed in the original stipulation.

Post Office Box P (INSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

Mr. A. P. Huber

DATE

July 15, 1955

LOCATION

TO

K-1001 Puilding

ANSWERING LETTER DATE

COPY TO

ATTENTION Ar. G. H. Dykes Mr. W. L. Richardson

File

Proposal for Protective SUBJECT Clothing Issue Based on

Contamination Levels -Fourth Quarter, FY-55

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole basis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

Safety, Fire, and Radiation Control

SAKierc

Attachments

16 K-25RC

TABLE I
CONTAMINATION INDEX ABOVE 100

		LISTED IN	PROTECTIVE	
	LOCATION	CRIGINAL	COMPLETE	AS
		STIPULATION	CHANGE	MEEDED
w 2101	Commence Description to an		X	
K-1401	Compressor Decontamination Oride Conversion	X	X	
K-1301	· · · · · · · · · · · · · · · · · · ·	X	· 🛣	
K-1303	Decontamination and Recovery	X X	X	
K-1131	Feed Flant - includes Operations and Maintenance	Δ.	46	
	Mainvanance			
	₩			
K=7/10	Decontamination	X	X	
% -1 03 1	Decontamination Storage	•	X	
K-131	Solutions Recovery	X	X	
K-132	Solutions Recovery	X	X	
K-402-1	Basement Storage Area		X	
20				
Vault 16-A	Drum Storage		X	
K-303-1	Cylinder Shop		X	
K-101	C-816 Stripping			X
1-1025	Feed Storage		X	
Yault 1-X	Drum Storage		x	
′ 1	•			
Vault 15-A	Drum Storage		<u>x</u>	
Vault 17-4	Drum Storage		X X	
K-601	Sampling Room		Ĭ.	
K=306-7	Weigh Room		X X	
K-1413	Engineering Development Laboratory -		A	
•	includes only Operations			
7 AGA M7 CMG 4 TYTE	n mure bypten			
LOCATIONS ADDE	D THIS PERIOD			
K-1420	Incinerator Building		X	
14-1542.0				
LOCATIONS REMO	WED THIS PERIOD			
K-631	Waste Disposal		x	
K-27	Booster Stations			I
K-1401	Ferrule Removal (function moved to K-1420)		X	
K-1131	Offices and Facilities	X	X	

TABLE II
CONTAMINATION INDEX 10-100

		LISTED IN	PROTECTIVE	CLOTHING
	LOCATION	ORIGINAL STIPULATION	COMPLETE CHANGE	AS NEEDED
K=302=5 K=306=7 K=312=3 K=402=1	Cold Trap and Purge and Product Rooms P. W. Cell Floor Basement Building Building		X .	I I I
K-402-2 K-27 K-413 K-131 Area II K-302-1	Line Recorder and Seal Exhaust Pumps Side Withdrawal Operation Feed Unit (Stand-by) Line Recorder and Seal Exhaust Pumps Test Loop		X	x x
K-312-1 K-312-2 K-1401 K-1413 K-1401	Basement Basement Axial Flow Compressor and A.C. Pump Shop Utility Maintenance Shop Vacuum Pump Shop		x	X X X
K-301-4 K-303-1 K-413 K-1004-A K-1004-J	Instrument Field Shop Seal Shop Electrical Shop Sampling Section Radiochemical Laboratory		x	X X
K=303=6 K=1410	Process Laboratory Office, Lunch Room, and Change House	X	X X	
LOCATIONS ADD	ED THIS PERIOD			
K=309=3 K=27 K=631 K=33 K=1401	Test Loop Booster Stations Waste Disposal Feed Room Machine Shop		X X	X X
K=305 -9 K=1420 K=1131	Instrument Field Shop Converter and Compressor Decontamination Offices and Facilities	x	X	X
LOCATIONS RE	MOVED THIS PERIOD			*
K=312 K=402=8 K=1401 K=413	Section Alumina Trap Cold Trap Electrical Maintenance Shop Process Maintenance Shop		x	X

(NSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

TO

Fr. A. P. Huber

DATE

April 19, 1955

LOCATION

%-1001 Building

ANSWERING LETTER DATE

ATTENTION

COPY TO

4r. G. H. Dykes

Mr. W. L. Richardson

File _

SUBJECT

Proposal for Protective

Clothing Issue Based on

Contamination Lavels -

Third Quarter, 7Y-55

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole pasis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

Safety, Fire, and Eadiation Control

SAK:msp

Attachments

No K-25RC

FABLE I
CONTAINATION HIDEX LIBOVE 100

		LICIEL II.	35.3123:175	CLOTHING _
	LOCATIONS .	ORIGINAL	COMPLETS	AS
	TOCA TICARS	STIPUL TI N	CHANGE	NEZDED
K-1401	Compressor Decontamination		x	
K-1301	Oxide Conversion	$\vec{\chi}$	X	
K-1303	Decontamination and Recovery	X	X	
K-1131	Feed Plant - includes Operations, Maints-	X	ኧ	
ソーエエンエ	nance, Office. Locker and Lunch Facilities			
		X	7	
::-1410	Decontamination	٨	~ 7	
K-1931	Decontamination Storage	X	<u>α</u>	
7-131	Solutions Recovery	A X	X X X	
K-132	Solutions Recovery	λ.	$\dot{\tilde{x}}$	
K-4:02-1	Basement Storage Frea		. <u>.</u>	
Vault 16-A	Brum Storage		X	
	Cylinder Shop		X	
K-303-1	C-816 Recovery			X
K-101	Waste Disposal		X	
K-631	Read Storage		X	
K-1025	tead protofe			
Vault 1-X	Drum Storage		X	
Vault 15-A	Drum Storage		X _	
Vault 17-A	Drum Storage		X X X	
X-601	Sampling Room		X.	~
X-27	Booster Stations			x
			17	
K-1401	Ferrule Removal		ĭ	
K-1413	Engineering Development Laboratory -		X	
	includes only Operations			
LOCATIONS ADD	ED THIS PERIOD			
			97	
x-306-7	Weigh Room		X	
-				

LOCATIONS REMOVED THIS PERIOD

None

TABLE II
CONTAMINATION INDEX 10-100

				OT OFUTAN
		LISTED IN	PROTECTIVE	
	LOCATION	ORIGINAL	COMPLETE	AS
	DYOUTTON	STIPULATION	CHA MGE	' NEFICED
	Cold Trap and Purge and Product Rooms			x
K-302-5	COTO Itab and Infe and Inches		X	
K-306-7	P. W. Cell Floor			X
K-312	Section Alumina Trap			X
K-312-3	Basement			I
K-402-1	Building			
	- AP 11			X
K-705-5	Building			X X
K-402-8	Cold Trap			I
K-27	Line Recorder and Seal Exhaust Pumps			X
K-413	Side Withdrawal Operation			X
K-131	Feed Unit (Stand-by)			
	- Cho	. 	X	
K-1401	Axial Flow Compressor and A.C. Pump Sho	ıħ		x
K-1401	Electrical Maintenance Shop		Y	
K-1413	Utility Maintenance Shop		X X	
K-413	Process Maintenance Shop		*	X
K-1004-A	Sampling Section			
W-7044 11	-		•	
7-303-6	Process Laboratory	•	X X	
K-11:10	Office, Lunch Room, and Change House	I	. ▲	
h-				
LOCATIONS ADDE	T THIS PEPIOD			
MOULTONS HERE	• •			v
Area II	Line Recorder and Seal Exhaust Pumps			X X
· K-302-1	Test Loop			X X X
K-312-1	Basement			<u>Α</u> Ψ
K-312-2	Basement			X
K-1401	Vacuum Pump Shop			Y
V-THOT	•			₩
K-301-4	Instrument Field Shop			X X
K-303-1	Seal Shop			X
K-1004-J	Radiochemical Laboratory		••	Α.
K-413	Electrical Shop		X	
W-itro	-			
LOCATIONS REM	OVED THIS PERIOD			
			X	
K-302-5	Process Maintenance Shop		Α.	ı
K-312-2	Process Maintenance Shop		Σ	Δ.
K-413	Instrument Shop		*	x
K-1004-C	Spectrometer Section		₩	*
K-306-7	Weigh Room		X	₩
K-1401	Axial Flow Compressor and A.C. Pump S	hop,		X
7-74-7	Office and Lunch Area			

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(INSERT NAME) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

Mr. A. P. Huber LOCATION K-1001 Building February 16, 1955

ANSWERING LETTER DATE

ATTENTION

copy to Mr. G. H. Dykes

Mr. W. L. Richardson

File

SUBJECT

DATE

Proposal for Protective Clothing Issue Based on Contamination Levels -Second Quarter, FY-55

The attachment lists those plant locations where complete clothing change or protective clothing only as needed would currently be issued if the contamination levels of these locations were the sole basis for issuance; according to the original proposal, complete clothing would be provided where the contamination index remained above 100, and protective clothing as required where the contamination index remained between 10 and 100.

It should be noted that this listing does not include all conditions under which contamination may be anticipated since work is performed on contaminated equipment in locations in which the over-all contamination level is frequently negligible.

√ SAK:cbt

Safety, Fire, and Radiation Control

Attachments

No K-25RC

TABLE I
CONTA-(INATION INDEX ABOVE 100

LOCATION STIPULATION COMPLETE AS NEEDED			LISTED IN	PROTECTIVE	CLOTHING
K-1401 Compressor Decontamination K-1301 Oxide Conversion K-1303 Decontamination and Recovery X X X X-1131 Feed Plant - includes Operations, Maintenance, Office, Locker and Lunch Facilities K-1410 Decontamination K-1031 Decontamination K-1031 Decontamination K-1031 Decontamination X X X X-1231 Solutions Recovery X X X X-125 Solutions Recovery X X X X-102-1 Basement Storage X X X-102-1 Basement Storage X X X X X-103-1 Cylinder Shop X-101 C-816 Secovery X-631 Waste Disposal X-1025 Feed Storage X Yault 1-X Drum Storage X Yault 1-X Drum Storage X Yault 1-A Drum Storage X Yault 1-A Drum Storage X Yault 17-A Drum Storage X Yault 18-A Drum		LOCATION		COMPLETE	AS
K-1301 Oride Conversion I X X X X-1303 Decontamination and Recovery I X X X X-1303 Decontamination and Recovery I X X X X-131 Feed Plant - includes Operations, Maintenance, Office, Locker and Lunch Facilities K-1410 Decontamination X X X X X X X X X X X X X X X X X X X			STIPULATION	CHANGE	NEEDED
K-1301 Oride Conversion I X X X X-1303 Decontamination and Recovery I X X X X-1303 Decontamination and Recovery I X X X X-131 Feed Plant - includes Operations, Maintenance, Office, Locker and Lunch Facilities K-1410 Decontamination X X X X X X X X X X X X X X X X X X X				_	
K-1303 Decontamination and Recovery K-1131 Feed Plant - includes Operations, Mainte- nance, Office, Locker and Lunch Facilities K-1110 Decontamination K-1031 Decontamination Storage K-131 Solutions Recovery K-132 Solutions Recovery K-132 Solutions Recovery X X X K-132 Solutions Recovery X X X K-102-1 Basement Storage Area Vault 16-A Drum Storage K-303-1 Cylinder Shop K-101 C-816 Encovery X K-631 Waste Disposal K-1025 Feed Storage Vault 1-X Drum Storage Vault 15-A Drum Storage Vault 15-A Drum Storage Vault 17-A Drum Storage Vault 17-A Drum Storage X X K-1401 Ferrule Removal K-1401 Ferrule Removal K-1413 Engineering Development Laboratory - includes only Operations LOCATIONS ADDED THIS PERIOD K-601 Sampling Room K-27 Booster Stations I X LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)	•	·			
K-1131 Feed Plant - includes Operations, Maintenance, Office, Locker and Lunch Facilities K-1100 Decontamination K-1031 Decontamination Storage K-131 Solutions Recovery X X X K-132 Solutions Recovery X X X K-102-1 Basement Storage Area Vault 16-A Drum Storage K-303-1 Cylinder Shop K-101 C-816 Recovery X X K-631 Waste Disposal K-1025 Feed Storage Vault 15-A Drum Storage Vault 15-A Drum Storage Vault 17-A Drum Storage X X Vault 17-A Drum Storage X C-1101 Ferrule Removal X -1113 Engineering Development Laboratory - includes only Operations LOCATIONS ADDED THIS PERIOD K-601 Sampling Room K-27 Beoster Stations X X LOCATIONS REMOVED THIS PERIOD X Y K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)					
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K-601 Sampling Room K-27 Booster Stations LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)					
K-601 Sampling Room K-27 Booster Stations LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)					
K-27 Booster Stations LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)	LOCATIONS ADD	ED THIS PERIOD			
K-27 Booster Stations LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued)	v 601	Sampling Doom		Y	
LOCATIONS REMOVED THIS PERIOD K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued) X				-	x
K-413 Process Maintenance Shop K-27 Pump Dismantling (Operations discontinued) X	17—€ (Decared a cartons			
K-27 Pump Dismantling (Operations discontinued)	LOCATIONS REM	OVED THIS PERIOD			
K-27 Pump Dismantling (Operations discontinued)	K_1,13	Process Maintenance Shon		X	
•• • • • • • • • • • • • • • • • • • •				***	X
	K-131	Feed Unit (Stand-by)			

TABLE II

CONTAMINATION INDEX 10-100

		The state of the s	PROTECTIVE	CLOTHING
	LOCATION	LISTED IN ORIGINAL STIPULATION	COMPLETE CHANGE	AS NEEDED
K-302-5 K-306-7 K-312 K-312-3	Cold Trap and Purge and Product Rooms P. W. Cell Floor Section Alumina Trap Basement	•		X X X X
K-402-1 K-402-2 K-402-8 K-27 K-413 K-1401	Building Cold Traps Line Recorder and Seal Exhaust Pumps Side Withdrawal Operation Axial Flow Compressor and AC Pump Shop includes Office and Lunch Area	-		X X X X
K-1401 K-1413 K-302-5 K-312-2 K-413	Electrical Maintenance Shop Utility Maintenance Shop Process Maintenance Shop Process Maintenance Shop Instrument Shop		X X	X X
K-1004-A K-1004-C K-303-6 K-1410	Sampling Section Spectrometer Section Process Laboratory Office, Lunch Room, and Change House	. %	X	X
LOCATIONS AND K-131 K-306-7	DDED THIS PERIOD Feed Unit (Stand-by) Weigh Room		X X	, ,
K-413 Locations F	Process Maintenance Shop			¥
K-1004- K-1004- K-1413 K-302-1 K-413	Radon Plant Radiochamical Laboratory Laboratory		x	X X X

(INSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

TO

Mr. A. P. Fuber

etobor 15, 1754

LOCATION

%-1001 Building

ANSWERING LETTER DATE

ATTENTION

COPY TO

Mr. G. H. Dykes

Mr. 1. L. Richardson File

SUBJECT .roposal for .rotective

Clothing Issue Based on Contamination Levels -

First warter, FY-55

The attachment lists these plant locations where complete clothing change or coveralls only would currently be issued if the contamination levels were the sole basis for issuance. The listing has been revised for the First warter of FY-55.

Safety, Fire, and Radiation Control

JAK: cbt

Attachment

No K-25RC

PROTECTIVE CLOTHING ISSUANCE FIRST QUARTER, FY-55

- A. Contamination Index above 100 Proposed to provide complete clothing change.
 - 1. Current locations (does not include offices, lunch and locker rooms unless otherwise noted); additions this period designated by (a).

K-1401	Ferrule Removal**
K-1401	Compressor Decontamination**
K-1413	Engineering Development Laboratory** - includes only operations
K-1301	Oxide Grinding*
K-1303	Decontemination and Recovery*
Vault 16-A	Drum Storage**
K-303-1	Cylinder Shop** (Previous location - A-300-3)
K-101	C_S16 Recovery***
K-413	Deces Maintenance Shop (8)**
K-1131	n i mante implante (morations, reluctions)
	Laboratory, Office, Locker and Lunch Facilities
K-1231	Equipment Dismentling*
K-1410	Decontamination*
K-1031	Decontamination Storage**
K-131	Solutions Recovery*
K-132	Solutions Recovery*
> K-131	Feed Unit (a) *** (Stand by)
K-27	Promo Dismantling***
K-402-1	Basement Storage Area**
K-631	Waste Disposal***
K-1025	Feed Storage**
Vault 1-X	Drum Storage**
Vault 15-A	Drum Storage **
Vault 17-A	Drum Storage**
AUTTO TIME	NA 0000

2. Locations removed this period.

None

- B. Contamination Index of 10-100 Proposed to provide coveralls and other protective clothing as required.
 - 1. Current locations (does not include offices, lunch and locker rooms, unless otherwise noted); additions this period designated by (a).

K-1004-A 	Sampling Section*** Radiochemical Laboratory*** Axial Flow Compressor and AC Pump Shop*** Electrical Maintenance Shop***
K-1413	Utility Maintenance Shop (a)**
K-1413	Laboratory***
K-1004-C	Spectrometer Section***
K-1004-D	Radon Plant*** (Stand by)
K-302-1	Test Loop***
K-302-5	Cold Trap and Purge and Product Rooms***
K-302-5	Process Maintenance Shop (a)**
K-303-6	Process Laboratory***

3-306-7	P.J. Cell Fl or***
K-312	Alumina Trapass
3-312-2	Process Haintenance Chop***
5-312-3	Basement***
K-402-1	Building (a)***
8-402-2	Building***
K-402-8	Cold Traps***
K-27	Line Recorder and Seal Exhaust Tumps***
[∴] K-27	Booster Stations***
X-413	Side Withdrawal Operations***
K-413	Instrument Jhoo (a)**
VK-413	Process Maintenance Office, Lunch and Locker Room** - see a above for 4-413 Process Maintenance Shop
K-601	Sampling Room (a)**
K-1410	Office and Locker doom Facilities* - see above

2. Locations removed this period due to a decrease in levels.

%-1301	Office and Locker Facilities* - see A above for
	3-1301 perations
3-1303	Offices and Lunch doom* - see A above for A-1303 Operations
K-1401	Utility Maintenance Shop***
Vault 16-A	Office and Lunch .loom**
K-302-1	Welding Shop***
K-305-12	Process Maintenance Shop***

JAK:cbt

* Listed in the original stipulation.

Not listed in original stipulation, but employees are currently provided complete clothing change.

Employees are currently issued protective clothing, primarily for special jobs such as maintenance and service work.

NSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

TO

My. A. P. Huber

LOCATION

X-1001

DATE

July 22, 1954

ANSWERING LETTER DATE

ATTENTION

COPY TO

Hr. G. H. Lykes

Mr. W. L. Michardson

File

subject Proposal for Protective

Clothing Issue Dised on

Contamination Levels -

Fourth Cuarter, FY-54

The attachment lists those plant locations where complete clothing change or coveralls only would currently be issued in the contemination levels were the sole wasis for issuance. The listing has oven revised for the Fourth Cuarter of FY-54.

Safety, Fire, and Radiation Control

SAK:mh

Attachment

NoK25RC

PROTECTIVE CLOTHING ISSUANCE FOURTH CUARTER FY-54

- A. Contamination Index above 100 Proposed to provide complete clothing change.
 - 1. Current locations (does not include offices, lunch and locker rooms unless otherwise noted); additions this period designated by (a).

```
Ferrule Removal**
  K-1401
  K-1401
               Compressor Decontamination**
- K-1413
               Engineering Development Laboratory - includes only Opera-
               tions and Maintenance
~ K-1301
               Oxide Grinding*
  K-1303
               Decontamination and Recovery*
  Vault 16-A
               Drum Storage**
  K-306-5
               Cylinder Shop**
  K-101
               C-816 Recovery***
~ K-1131
               Feed Plant* - includes Operations, Maintenance, Laboratory,
               Office, Locker and Lunch Facilities
 K-1231
               Equipment Dismantling* - includes Operations and Offices
  K-131
               Solutions Recovery*
  K-132
               Solutions . Secovery (a)#
  K-1410
               Decontamination*
  K-1031
               Decontamination Storage**
  K-27
               Pump Dismantling**
  K-402-1
               Basement Storage**
: K-631
               Waste Disposal***
  K-1025
               Feed Storage (a)**
  Vault 1X
               Drum Storage (a)**
  Vault 15A
               Drum Storage (a)**
               Drum Storage (a)**
  Vault 17A
```

2. Locations removed this period.

None

- B. Contamination Index of 10-100 Proposed to provide coveralls and other protective clothing as required.
 - 1. Current locations (does not include offices, lunch and locker rooms, unless otherwise noted); additions this period designated by (a).

K-1004-A	Sampling Section***
K-1004-J	Radiochemical Laboratory***
K-1401	Axial Flow Compressor Shop***
K-1401	Mectrical Maintenance Shop***
K-1413	Laboratory (a)***
K-1301	Office and Locker Facilities* - See A above for K-1301
	Operations
K-1303	Offices and Lunch Room (a)* - See A above for K-1303
	Decontamination and Recovery
K-1004-C	Spectrometer Section***
K-1004-D	Radon Plant (a)***
K-1401	Utility Maintenance Shop (a)***

	Office and Lunch Room** - See A above for Vault 16A Welding Shop*** Cold Trap*** Laboratory*** Product Vithdrawal (a)*** Alumina Traps***
K-312-3	
K-413	/ 3
K-413	Process Maintenance Shop (a)**
K-413	Process Maintenance Office, Lunch and Locker Room (a)**
K-305-12	
K-312-2	Process Maintenance Shop (a)***
K-302-1	Test Loop (a)***
K-131	Feed Unit**
K-1410	Office and Locker Room Facilities* - See A above for K-1410 Operations
K-27	Line Recorder and Seal Exhaust Pumps***
K-27	Booster Stations***
K-402-8	Cold Traps***
K-402-2	Building (a)***

2. Locations removed this period due to a decrease in levels.

None

SAK:mh

July 22, 1954

^{*} Listed in the original stipulation.

^{***} Not listed in original stipulation, but employees are currently provided complete clothing change.

^{***} Employees are currently issued protective clothing primarily for special jobs such as maintenance and service work.

Post Office Box P INSERT COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

Mr. A. P. Huber

June 14, 1954 DATE

LOCATION

K-1001

ANSWERING LETTER DATE

ATTENTION

COPY TO

Tr. C. H. Dykes

Mr. M. L. Richardson

File

subject Proposal for Protective

Clothing Issue Based

on Contamination Levels -

Third Quarter, FY-54

The attachment lists those plant locations where complete clothing change or coveralls only would currently be issued if the contamination levels were the sole basis for issuance. The listing has been revised for the Third Quarter of FY-54.

AFB:msp

Heigh 7. Henry Safety, Fire, and Radiation Control

Attachment NoK25RC

PROTECTIVE CLOTHING ISSUANCE THIFD QUARTER - FY-54

- A. Contamination Index above 100 Proposed to provide complete clothing change.
 - l. Current locations (does not include offices, lunch and locker rooms unless otherwise noted); additions this period designated by (a).

```
Feed Plant* - includes Operations, Maintenance,
              Laboratory, Office, Locker and Lunch Facilities
K-1131 -
              Equipment Dismantling - includes operations and
K-1231 -
              offices
              Oxide Grinding
              Decontamination and Recovery (a)
K-1301 -
K-1303 -
              Decontamination
K-11:10 -
              Drum Storage **
               Engineering Development Laboratory - includes
Yault 16A -
K-1413 -
               Operations and Maintenance
               Maste Disposal
 K-631 -
               Basement Storage ***
 1-402-1 -
               C-316 Recovery
 K-101 -
               Ferrule Removal***
 K-11:01 -
               Pump Dismantling ***
 K-27 -
               Decontamination Storage
 K-1031 -
               Solutions Recovery*
               Compressor Decontamination ** (a)
 K-131 -
 K-11:01 -
               Cylinder Shop** (a)
 K-306-5 -
```

2. Location removed this period

K-1004-J - Radiochemical Laboratory

- B. Contamination Index of 10-100 Proposed to provide coveralls and other protective clothing as required.
 - Current locations (does not include offices, lunch and locker rooms, unless otherwise noted); additions this period designated by (a).

```
Solutions Recovery*
              Lunch Room and Office - See A above for Vault 16A
K-132 -
Vault 16A -
              operations and storage
              Feed Unit
K-131 -
              Laboratory
              Line Recorder and Seal Exhaust Pumps HAR
K-303-6 -
K-27 -
              Booster Stations *** (a)
K-27 -
              Basement
K-312-3 -
              Cold Traps
K-402-8 -
              Sampling Section 884
K-1004-A -
              Spectrometer Section 388 (a)
              Radiochemical Laboratory ** (a)
K-1004-C -
K-1004-J -
               Cold Traps 3 55
K-302-5 -
               Welding Chop Chara (a)
 K-302-1 -
               Alumina Traps*** (a)
 K-31? -
               Process Maintenance Shop
 K-305-12 -
```

Office and Locker facilities (a) - Gee A above for K-1301 -

K-1301 Operations

Axial Flow Compressor Chop Electrical faintenance Shop (a) K-1401 -K-1101 -

K-1410 -Office and Locker facilities (a) - lee A above for K-1410 Operations

2. Locations removed this period

K-413 -

X-1219 -

K-1401 -Vacuum Pump Shop (Electric fotor Repair Shop)

6/14/54

Listed in original stipulation.

Not listed in original stipulation, but employees are currently provided complete clothing change.

Employees are currently issued protective clothing primarily for special jobs such as maintenance and service work.

Post Office Box P (INSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

Mr. A. P. Huber то

February 15, 1954

LOCATION

ANSWERING LETTER DATE

ATTENTION

COPY TO Mr. G. H. Lykes

Mr. W. L. Richardson

SUBJECT Proposal for Protective Clothing Issue Based on Contamination Levels---2nd Quarter, FY-54

The attachment lists those plant locations where complete clothing change or coveralls only should currently be issued were contamination levels the basis for such issue. The listing has been revised for the second quarter of FY-54.

H. F. Henry
Safety and Radiation Hazards

HFH:mh

Attachment

PROTECTIVE CLOTHING ISSUANCE SECOND QUARTER FY-54

Contamination Index Above 100 - Proposed to provide complete clothing change.

```
Current Locations (does not include Offices, Lunch and Locker Rooms, unless other-
    wise noted); additions this period designated by (a).
                  Feed Plant* - includes Operations, Maintenance, Laboratory Office,
      JK-1131
                  Locker Room, and Lunch Facilities
                  Equipment Dismantling* - includes Operations and Offices
      <sup>6</sup>K-1231
                  Oxide Grinding*
      0 K-1301
                  Decontamination*
      OK-1410
      Ovault 16-A Drum Storage**
                  Engineering Development Laboratory ** - includes Operations and
      0K-1413
                  Maintenance
B KX K-1004-J
                   Radiochemical Laboratory **
                   Waste Disposal ***
      o K-631
                   Basement Storage ""
      (K-402-1
                   C-816 Recovery ***
      ĿK-101
                   Ferrule Removal ***
      CK-1401
                   Pump Dismantling ***
       CK-27
                   Decontamination Storage ** (a)
      oK-1031
                   Solutions Recovery * (a)
      ck-131
```

2. Locations Removed This Period

Side Withdrawal was K-413 Electrical Maintenance *** (Contamination Index dropped below 10) K-1030

B. Contamination Index of 10 - 100 - Proposed to provide coveralls and other protective clothing as needed.

Current Locations (does not include Offices, Lunch and Locker Rooms, unless otherwise noted); additions this period designated by (a).

```
Decontamination and Recovery *
B KK K-1303
                   Solutions Recovery *
      OK-132
  五以 K-1401
                   Decontamination **
       OVault 16-A Lunch Room and Office **
                   Feed Unit **
      OK-131
                   Cylinder Test **
  ZXX K-306-6
                   Laboratory ***
       OK-303-6
                   Seal Exhaust and Line Recorder Stations ***
       OK-27
                   Basement ***
       PK-312-3
                   Vacuum Pump Shop *** Elect Mater Repor Slop.
                   Cold Traps ***
       OK-402-8
      LX K-1401
                   Cold Trap Repair
      kx K-1219
                   Sampling Section ***
       0K-1004-A
                    Side Withdrawal ### (a)
      LX:K-413
                    Cold Traps *** (a)
       OK-302-5
                    Welding Shop *** (a)
       OK-302-1
                    Axial Flow Compressor Shop *** (a)
        0K-1401
                    Office, Lunch and Locker Rooms (a) (See Section A above for K-1/10
        0K-1410
                    operations)
```

2. Locations Removed This Period due to a Decrease in Levels K-1004-A Radiation Laboratory

Listed in original stipulation.

Not listed in original stipulation, but employees are currently provided complete 44 clothing change.

Employees are currently issued protective clothing primarily for special jobs such as maintenance and service work.

10.

(INSERT) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION Post Office Box P OAK RIDGE, TENN.

TO Dr. H. F. Henry
LOCATION K-1001 Building

ANSWERING LETTER DATE

SUBJECT Protective Clothing Requirements
Based on Contamination Indices

The following is a revised listing of plant locations having a 6-months average contamination index of 10-100, as well as those >100 for the period ending 12/31/53:

A. Areas with an average Contamination Index of 100 or greater.

1. Work Locations

K-131	Solutions Recovery *(a)
K-1131	Feed Plant *
K-1231	Equipment Dismantling *
K-1031	Storage of 1410 Equipment (a)
K-1301	Oxide Grinding Unit *
K-1410	Decontamination *
K-101	C-816 Stripping
K-631	Waste Disposal
K-402-1	Basement
Vault 16-A	Drum Storage ***
K-1401	Ferrule Removal
K-27	Pump Dismantling Unit (a)
K-1413	Engineering Development Laboratory
K-1004-J	Radiochemical Laboratory **

2. Offices, Lunch Rooms, and Change House Facilities

K-1131	Office, Lunch Room, and Locker Rooms (a)	
K-1131	Process Maintenance Lunch Room and Office ((a)
K-1231	Office (a)	

3. Locations dropped this period due to decrease in levels

K-413 Side Withdrawal

^{*} Locations listed in the original stipulation and where employees are provided complete clothing change.

^{**} Locations not listed in the original stipulation but employees are provided complete clothing change.

⁽a) New locations added this period due to increase in contamination levels.

B. Areas with an average Contamination Index between 10 and 100

1. Work Locations

K-132	Solutions Recovery
K-1303	Decontamination and Recovery
K-1401	Decontamination ** (a)
K-131	Feed Unit ""
K-413	Side Withdrawal (b)
K-27	Seal Exhaust (a)
K-302-5	Cold Traps (a)
K-306-6	Cylinder Assembly and Test **
K-402-8	Cold Trap Room
K-312-3	Basement
K-1004-A	Sampling Section (a)
K-303-6	Laboratory (a)
K-302-1	Welding Shop (a)
K-1219	Cold Trap Repair (a)
K-1401	Axial Flow Compressor Shop
K-1401	Vacuum Pump Shop **

2. Offices, Lunch Rooms, and Change House Facilities

Vault 16-A Lunch Room and Office (a) **

3. Locations dropped this period due to decrease in levels

K-303-1	Seal Shop
K-305-10	Instrument Field Shop
K-312-1	Valley Iron Pump Section
K-306-7	Product Withdrawal

* Locations listed in the original stipulation and where employees are provided complete clothing change.

Locations not included in the original stipulation but employees are provided complete clothing change.

(a) Locations added this period due to increase in contamination levels.

- (b) Locations added this period due to a decrease in the contamination levels.
- C. Other types of jobs requiring coveralls even though the general area levels indicate no routine contamination problems are encountered.
 - 1. Maintenance and service jobs involving cell enclosure entry, entry into cascade systems for removal or replacement of equipment and service on contaminated equipment removed from such systems.
 - 2. Maintenance and service jobs involving removal of equipment or entry into UF6 systems in the K-lhOl Engineering Development and Barrier Research facilities.
 - 3. Maintenance and service jobs involving removal of equipment or entry into UF6 systems in the Laboratory, as well as services performed on uranium analysis apparatus.

- 4. Hot salvage and waste handling operations.
- 5. Other special jobs which are determined to offer a routine contamination problem as obtained by Health Physics Audit Surveys.

A. F. Becher

Health Physics and Safety

AFB:msp

COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

TO Dr. H. F. Henry LOCATION K-1001 Building

ATTENTION
COPY TO File

Revered)

DATE February 8, 1954

ANSWERING LETTER DATE

SUBJECT Protective Clothing Requirements
Based on Contamination Indices

The following is a revised listing of plant locations having a 6-months average contamination index of 10-100, as well as those > 100 for the period ending 12/31/53:

A. Areas with an average Contamination Index of 100 or greater.

1. Work Locations

	æ
K-131	Solutions Recovery *(a)
K-1131	Feed Plant *
K-1231	Equipment Dismantling *
.K-1031	Storage of 1610 Equipment (a)
K-1301	Oxide Grinding Unit "
K-1410	Decontamination *
K-101	C-816 Stripping
K-631	Waste Disposal
к-402-1	Basement
	Drum Storage ***
Vault 16-A	Ferrule Removal
K-1401	num namontling Unit (A)
K-27	Engineering Development Laboratory
K-1413	Fugluesting besetony 44
K-1004-J	Radiochemical Laboratory **

2. Offices, Lunch Rooms, and Change House Facilities

K-1131 K-1131 K-1231	Office, Lunch Room, Process Maintenance Office (a)	and Locker Lunch Room	Rooms (a) and Office	(a)
ルーエレンエ	• • •			

3. Locations dropped this period due to decrease in levels

K-413 Side Withdrawal

^{*} Locations listed in the original stipulation and where employees are provided complete clothing change.

Locations not listed in the original stipulation but employees are provided complete clothing change.

⁽a) New locations added this period due to increase in contamination levels.

B. Areas with an average Contamination Index between 10 and 100

1. Hork Locations

Solutions Recovery
Decontamination and Recovery
Decontamination ** (a)
Feed Unit ***
Gide Withdrawal (b)
Seal Exhaust (a)
Cold Traps (a)
Cylinder Assembly and Test
Cold Trap Room
Basement
Sampling Section (a)
Laboratory (a)
Welding Shop (a)
Cold Trap Repair (a)
Axial Flow Compressor Thop
Vacuum Pump Shop **

2. Offices, Lunch Rooms, and Change House Facilities

Vault 16-A Lunch Room and Office (a) **

3. Locations dropped this period due to decrease in levels

K-303-1	Seal Shop
K-305-10	Instrument Field Shop
K-312-1	Valley Iron Pump Section
K-306-7	Product Withdrawal

* Locations listed in the original stipulation and where employees are provided complete clothing change.

Locations not included in the original stipulation but employees are provided complete clothing change.

- (a) Locations added this period due to increase in contemination levels.
- (b) Locations added this period due to a decrease in the contamination levels.
- C. Other types of jobs requiring coveralls even though the general area levels indicate no routine contamination problems are encountered.
 - 1. Maintenance and service jobs involving cell enclosure entry, entry into cascade systems for removal or replacement of equipment and service on contaminated equipment removed from such systems.
 - 2. Maintenance and service jobs involving removal of equipment or entry into UF6 systems in the K-lhOl Engineering Development and Barrier Research facilities.
 - 3. Haintenance and service jobs involving removal of equipment or entry into UF6 systems in the Laboratory, as well as services performed on uranium analysis apparatus.

- 4. Hot salvage and waste handling operations.
- 5. Other special jobs which are determined to offer a routine contamination problem as obtained by Health Physics Audit Surveys.

A. F. Becher

Health Physics and Sarety

AFB:msp

DISTRIBUTION

- 1. K-25 Site Records (RC)
- 2. ChemRisk/Shonka Research Associates
- 3. DOE Public Reading Room
- 4. S. G. Thornton (K-25 EMD)